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16. Abstract  Over two thousand individual cloud droplet size distributions were measured with an optical cloud particle spectrometer flown on the NASA Convair 990 aircraft. All of these measurements are presented in the Appendix. Representative droplet spectra and liquid water content, $L$ ( $\text{gm}/\text{m}^3$ ) were obtained for oceanic stratiform and cumuliform clouds. For non-precipitating clouds, values of $L$ range from $0.1 \text{ gm}/\text{m}^3$ to $0.5 \text{ gm}/\text{m}^3$ ; with precipitation, $L$ is often greater than $1 \text{ gm}/\text{m}^3$ . Measurements were also made in a newly formed contrail and in cirrus clouds.		
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## 1. INTRODUCTION

The cloud droplet measurements contained in this report were obtained with an optical cloud particle spectrometer (Ryan, et al, 1972) that was mounted on the instrumented NASA Convair 990 aircraft during eight flights in January 1972. The pertinent flight data for each of the flights are summarized in Table 1 and the approximate locations and flight tracks are shown in Figure 1.

TABLE 1  
SUMMARY OF FLIGHT DATES, LOCATIONS AND ALTITUDES

Flight No.	Date	Area(s) of Data Acquisition	Range of Altitude
1	13 January 1972	Over Pacific Ocean west of Washington and northern California.	6 to .5 km
2	17 January 1972	Over Pacific Ocean west of northern California	7.5 to .3 km
3	18 January 1972	Along California coastline	10 to 11 km, 0 to 1 km
4	20 January 1972	Over Arizona, Gulf of Mexico, and Miami	10 to 15 km, 1.5 km
5	21 January 1972	Over eastern Carribean Sea, and Atlantic Ocean north of South America	10 to 15 km, 6 km, 1 km
6	24 January 1972	Over Atlantic Ocean north of South America	15 to 10 km, 3 to .3 km
7	25 January 1972	Over Atlantic Ocean north of South America	0 to 5 km
8	27 January 1972	Over Atlantic Ocean east of Brazil	14 to 8 km



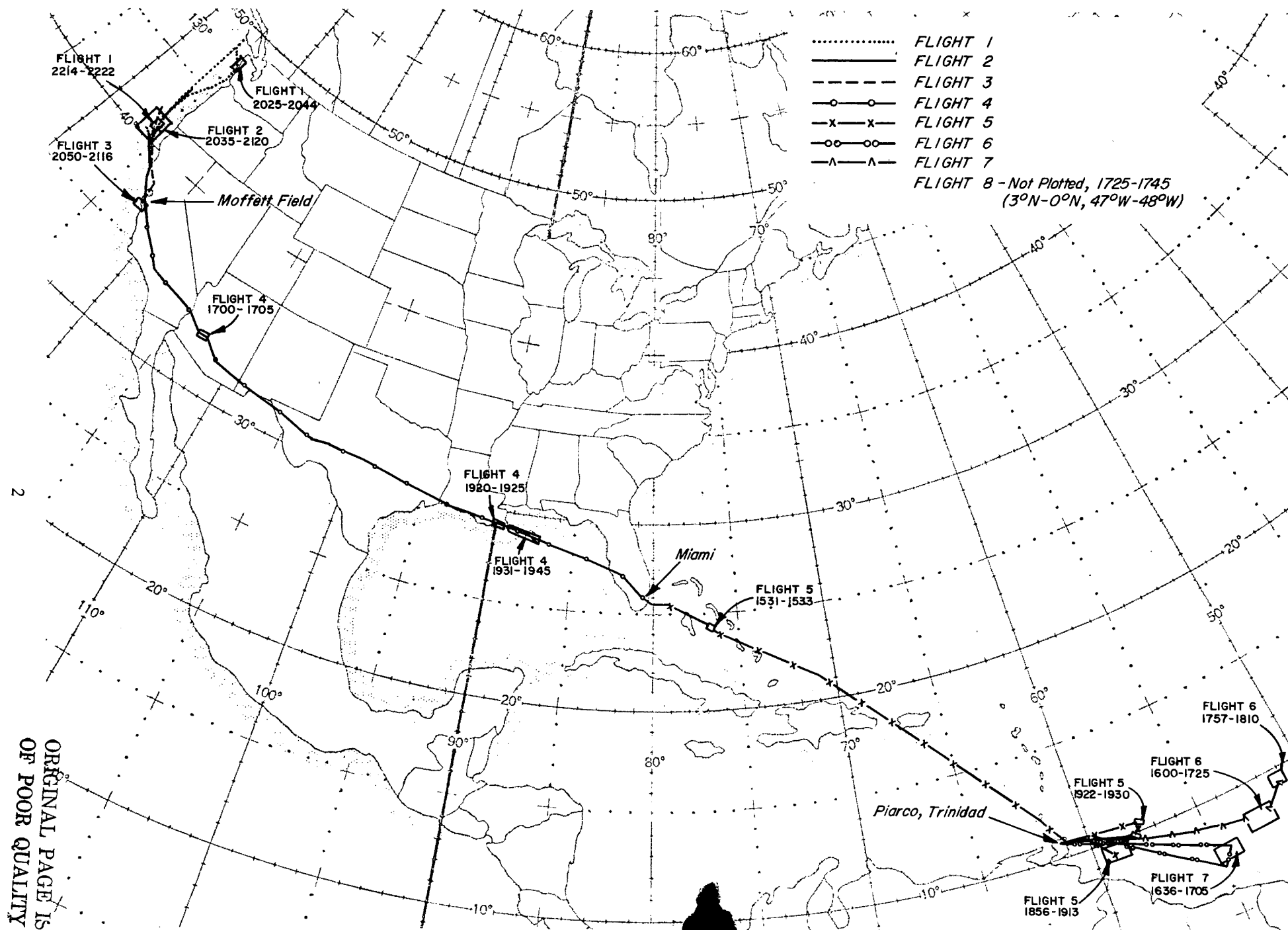


Figure 1 Approp Flight Tracks

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With the exception of the cross-country flight (Flight 4) from Moffett Field in California to Miami, Florida, all the flights were made over water; the cloud types sampled are therefore predominantly oceanic in origin. Off the coast of California, the clouds encountered were generally of the stratiform type, including the low oceanic stratus and altostratus associated with a frontal system on 13 January 1972. Over the tropical waters in the Caribbean, the clouds were of the convective type associated with the intense surface heating of the tropics, and with the instability of the low latitude convergence zone. The following paragraphs present a general description of the flights with more details of the specific cloud types encountered.

Flight 1 - Moffett-Moffett: 13 January 1972

The initial flight of the NASA Convair 990 was a roundtrip flight from Moffett Field, California, to the Washington coast, and back to Moffett Field. The flight was over the Pacific Ocean and followed, in general, the route shown in Figure 1. The two periods of data acquisition during this flight were in stratiform cloud probably associated with a cold front that was moving south. The first readings, from 2025 to 2049 GMT (samples 1-127), were made in altostratus clouds near  $47.5^{\circ}\text{N}$ ,  $124.5^{\circ}\text{W}$  at altitudes from 5 to 6 km; these were by far the most northerly of all the measurements. Stratus was measured off the coast of northern California from 2214 to 2221 GMT for the remaining samples; all altitudes there were from 0.6 to 0.8 km.

Flight 2 - Moffett-Moffett: 17 January 1972

On this date the plane flew from Moffett Field over the Pacific Ocean to  $45^{\circ}\text{N}$ ,  $126^{\circ}\text{W}$ , then returned to the base. During the time of data

collection (2035-2120 GMT), the plane was flying in an area west of northern California (125 to 127°W, 40 to 42°N) where the aircraft was descending and ascending through a multilayered stratiform system (.3 to 7.5 km). As in Flight 1, these clouds were probably associated with a weak cold front.

Flight 3 - Moffett-Moffett: 18 January 1972

Flight 3 followed a similar path to those taken previously, except that the route went only to 42°N. A few stratus measurements were made during takeoff (1844-1854, samples 1-16) and a patch of cirrus was sampled between 1921 and 1924 GMT (samples 17-38). The rest of the measurements were in a low stratus system near San Francisco. Unlike the previous two flights, no measurements of stratus were made above 1.5 km. At the very end of the flight (2114-2116 GMT, samples 146-171), the measurements were made over land, but, as the clouds were associated with on-shore winds, all stratus measured should be considered oceanic.

Flight 4 - Moffett-Miami: 20 January 1972

This trip was a long, cross-country flight taking the plane from California to Florida. Although the flight was mainly over land, most of the data were taken above the Gulf of Mexico, and all measurements, except for the very last, were taken at altitudes from 10 to 15 km. These factors, combined with the lack of any significant weather, resulted in a data collection quite unlike previous sets.

The first group of measurements (1700-1705 GMT, samples 1-162) were made over Arizona in the contrail of a Boeing 727 which was flying 8 to 12 miles ahead of the Convair 990. The next readings were taken more than

two hours later (1920-1925 GMT) in a stretch of cirrus over the tip of Louisiana (or, possibly, over the Gulf just south of the Louisiana peninsula). These samples were followed by a descent through a cirrus layer from 1931-1945 GMT (samples 223-392) when the plane was over the Gulf of Mexico south of Mississippi and Alabama. A few more readings were made in fair weather cumulus during the descent into Miami; these clouds were over land.

Flight 5 - Miami-Piarco, Trinidad: 21 January 1972

Flight 5 was another long-distance flight but its path was over the tropical Atlantic and the eastern Caribbean. Most of the data collected were taken in the area southeast of Trinidad off the South American coast; there, numerous measurements of cirrus were made from 1745-1930 GMT. From 1909-1913 GMT (samples 258-301) the plane descended to 6 km into some altocumulus; during the remainder of this time period the aircraft operated between 10 and 15 km. Other measurements on this flight were of cirrus (at 1531-1533 GMT and approximately 1715 GMT, samples 1-52) made enroute over the eastern Caribbean, and of cumulus at 1 km (2011-2013 GMT, samples 376-405) made during the landing at Piarco.

Flight 6 - Piarco-Piarco: 24 January 1972

The path of this flight lay east of Trinidad over the Atlantic north of South America. Initially (1416-1600 GMT), the aircraft was flown from Piarco to  $7.5^{\circ}\text{N}$ ,  $53^{\circ}\text{W}$  at altitudes between 10 and 15 km, through intermittent cirrus. Then repeated passes were made over an area bounded by  $52^{\circ}\text{W}$ ,  $53.5^{\circ}\text{W}$ ,  $6.5^{\circ}\text{N}$  and  $8^{\circ}\text{N}$  (samples 121-209). Until 1624 GMT the aircraft remained between 10 and 15 km making measurements at different levels in a cirrus layer; at 1624 GMT a descent was begun into stratocumulus.

At 1625 the plane began traveling again to  $9^{\circ}\text{N}$ ,  $51^{\circ}\text{W}$  to remain within a degree of latitude-longitude of that point until 1710. During this period three penetrations of a precipitating cumulus system were made; one through the tops around 3 km, one through the centers near 1 km, and one through the base at .3 km.

Flight 7 - Piarco-Piarco: 25 January 1972

On this date, the plane made a simple, straightforward flight southeast over the Atlantic from Piarco to  $7^{\circ}\text{N}$ ,  $55^{\circ}\text{W}$ , concentrated on the area between  $7^{\circ}$  and  $8^{\circ}\text{N}$  and  $54^{\circ}$  and  $55^{\circ}\text{W}$  (from 1535 to 1605 GMT), and then flew back to Trinidad. A few cumulus readings were made at takeoff (1426 GMT, samples 1-6) from Piarco; these measurements were supplemented by a sizable number of cumulus readings just before landing four hours later (1824-1932 GMT, samples 269-326). Both sets of cumulus were precipitating when they were sampled.

Most of the samples were taken in the oceanic region mentioned above; there, a long descent through a stratocumulus system from 5 to .3 km was followed by a long ascent (.3 to 5 km). This cloud system consisted of numerous discrete cumulus cells, many of which were precipitating.

Flight 8 - Piarco-Belem, Brazil: 27 January 1972

This is another flight over the Atlantic Ocean. The only readings analyzed were those of cirrus in the region from  $3^{\circ}$  to  $0^{\circ}\text{N}$  and  $47^{\circ}$  to  $48^{\circ}\text{W}$ ; these were made at altitudes of 14 to 8 km shortly before descent into Belem, Brazil.

## 2. DATA FORMAT

To record the measurements made by the optical cloud particle spectrometer, eleven channels (intervals) of droplet diameter sizes were established. These intervals covered diameters ranging from 5.5  $\mu\text{m}$  to 108.0  $\mu\text{m}$ ; as cloud droplets have diameters from 1 to 100  $\mu\text{m}$ , most of the cloud droplet population was counted within these channels. A twelfth channel was included to accommodate larger droplets (intermediate size drops of 100 to 200  $\mu\text{m}$ , precipitation size drops, or ice crystals); very few counts were recorded in this last channel.

All of the reduced data are presented in the Appendix as individual tabulations of droplet size distributions and pertinent flight data. Figure 2 is an example of the data format.

With the exception of the twelfth channel, the "count" in each of the channels is given in terms of the number density per unit interval of diameter size (number/cm<sup>3</sup>/1  $\mu\text{m}$  diameter interval). The total number of droplets in any given interval is therefore given by

$$N_i = N'_i \Delta D_i \quad \text{for } i = 1, 2, \dots, 11$$

and the total cloud droplet number density (number/cm<sup>3</sup>) in the sampled volume equals

$$N = \sum_{i=1}^{12} N_i = \sum_{i=1}^{11} N'_i \Delta D_i + N_{12},$$

where

$N'_i$  is the tabulated number density per unit interval of droplet diameter for the  $i^{\text{th}}$  channel,

FLIGHT NUMBER 001 95  
 DATE 13 JAN 1972  
 TIME 20 36 25  
 COUNTER NUMBER 3752

AIRCRAFT ALTITUDE (KM) 5.2  
 AIRCRAFT VELOCITY (M/S) 190.5  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
 SAMPLE INTERVAL (M) 761.9  
 NUMBER DENSITY (NO/CM\*\*3) 56.26  
 LIQ. WATER CONTENT (GM/M\*\*3) .174

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.533
7.0 - 9.0	2.050
9.0 - 12.0	1.233
12.0 - 16.0	2.500
16.0 - 21.0	4.631
21.0 - 28.0	1.378
28.0 - 36.0	.045
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

Figure 2 Sample Data Format

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and

$\Delta D_i$  is the diameter interval for the  $i^{\text{th}}$  channel.

Similarly, the liquid water content ( $\text{gm/m}^3$ ) corresponding to each of the tabulated droplet size distributions is computed by:

$$L = \rho_w \frac{4\pi}{3} \sum_i \left(\frac{\bar{D}_i}{2}\right)^3 N_i, \quad i = 1, 2, \dots, 11,$$

where

$\rho_w$  is the density of liquid water ( $1 \text{ gm/cm}^3$ )

$\bar{D}_i$  is the mean diameter for the  $i^{\text{th}}$  channel.

Both the values of number density and liquid water content  $L$  are tabulated in the data. Also tabulated are the flight number (1 to 8) and the sample number (to the right of the flight number); the date of the flight and time (GMT) at which the sample was taken; the aircraft altitude and speed; and the ambient temperature as recorded by instrumentation on board the aircraft. Other data shown include the instrument counter number, and the distance the aircraft traveled in obtaining the total cloud volume sampled.



### 3. ANALYSIS

#### 3.1 Liquid Water Content

The data from the eight flights are summarized in Figures 3 to 10. In the top portions of the figures are shown the approximate flight altitudes as a function of time (GMT) with the corresponding sample numbers indicated. (For convenience, the data is plotted as a linear function of sample number, not of time.)

In preparing the data for presentation on a logarithmic scale, it was convenient to set all values of  $L \leq 0.001 \text{ gm/m}^3 = 0.0009 \text{ gm/m}^3$ . All plotted values of  $L < 0.001$  may therefore be assumed to be representative of measurements in the clear atmosphere, or at least in the very tenuous edges of clouds. Also shown in the lower portions of the figures are the reports of cloud types encountered along the indicated portions of the flights. These reports are taken directly from the flight log. No observation of the cloud depth was made for most of the sample measurements and only qualitative descriptors (wispy, thin, thick) were used to provide an estimate of the density of cirrus encountered.

In examining the liquid water content values shown in Figures 3 to 10, two interesting features in the plotted data are immediately apparent. The first is the large range of the computed  $L$  values for clouds of the same general classification; the second is the fact that precipitating clouds are generally distinguishable from non-precipitating clouds by their large values of liquid water content ( $L$  usually greater than  $.5 \text{ gm/m}^3$ ).

The large variations in liquid water content are, in some cases, deceptive because the sampling was not restricted to any particular cloud

conditions. Thus, measurements were made when the aircraft was skimming the irregular edges of clouds, or passing through alternating areas of clear air and cloudiness. A comparison of samples 50-90 of Flight 3 with samples 90-160 of the same flight (Figure 5) clearly illustrates this situation. The first set of readings was made during a descent through a uniform stratus layer and the liquid water contents vary only a small amount. The second set, however, was made when the aircraft was skimming the edge of the cloud base; very large variations in the liquid water content suddenly appear.

In other cases the large variations in liquid water reflect significant spatial changes in cloud liquid water content. These variations are most dramatic in convective clouds because of their turbulent nature, and rapid vertical growth. Within such clouds, one sample might be at the center of an updraft with high liquid water content while the next sample, several hundred meters away, might be near the cloud edge, or in a downdraft region with relatively low liquid water. An example of these large real variations is seen in the measurements made of stratocumulus during Flight 7 (Figure 9).

Despite variations, apparent or real, ranges of liquid water content,  $L$ , can be identified as characteristic of given cloud types. For example, examination of Figures 3-10 shows that the highest values of  $L$  ( $L > 1 \text{ gm/m}^3$ ) were observed during the latter portions of Flights 6 and 7 in some tropical oceanic precipitating cumulus typical of the clouds which appear each afternoon over the tropical oceans. As the cumulus result from the convective lifting, and subsequent adiabatic cooling, of extremely moist air (dew points

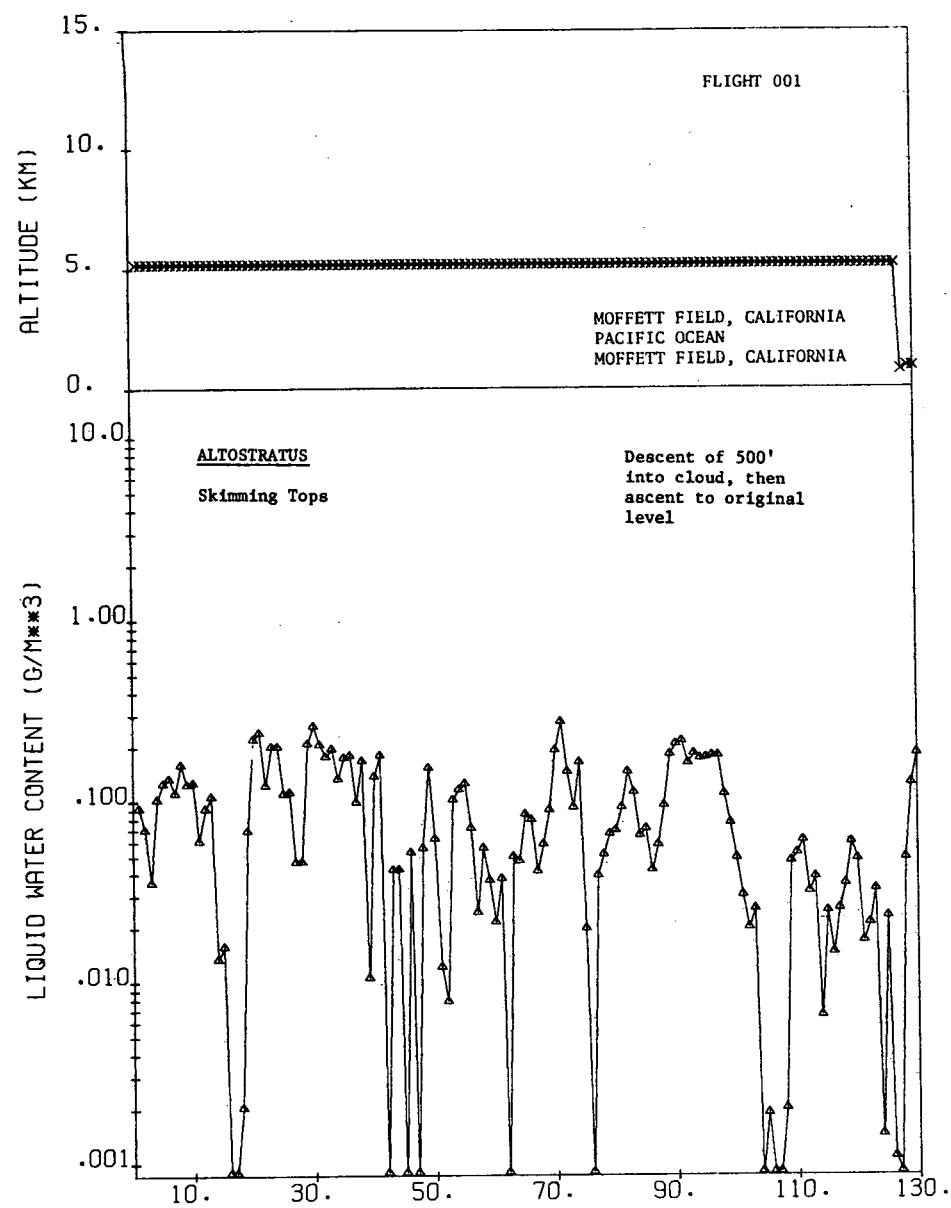


Figure 3 Liquid Water Content and Altitudes for Flight 1

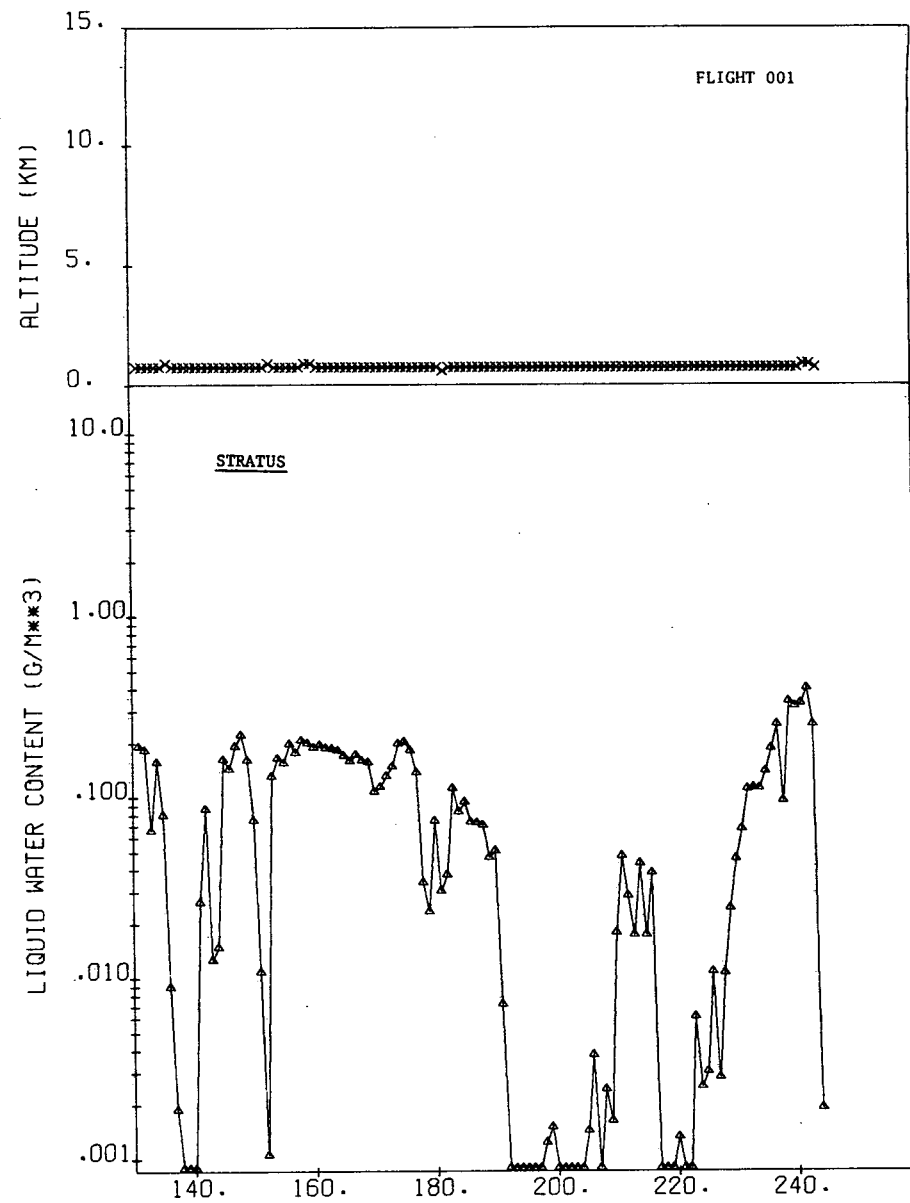


Figure 3 Continued

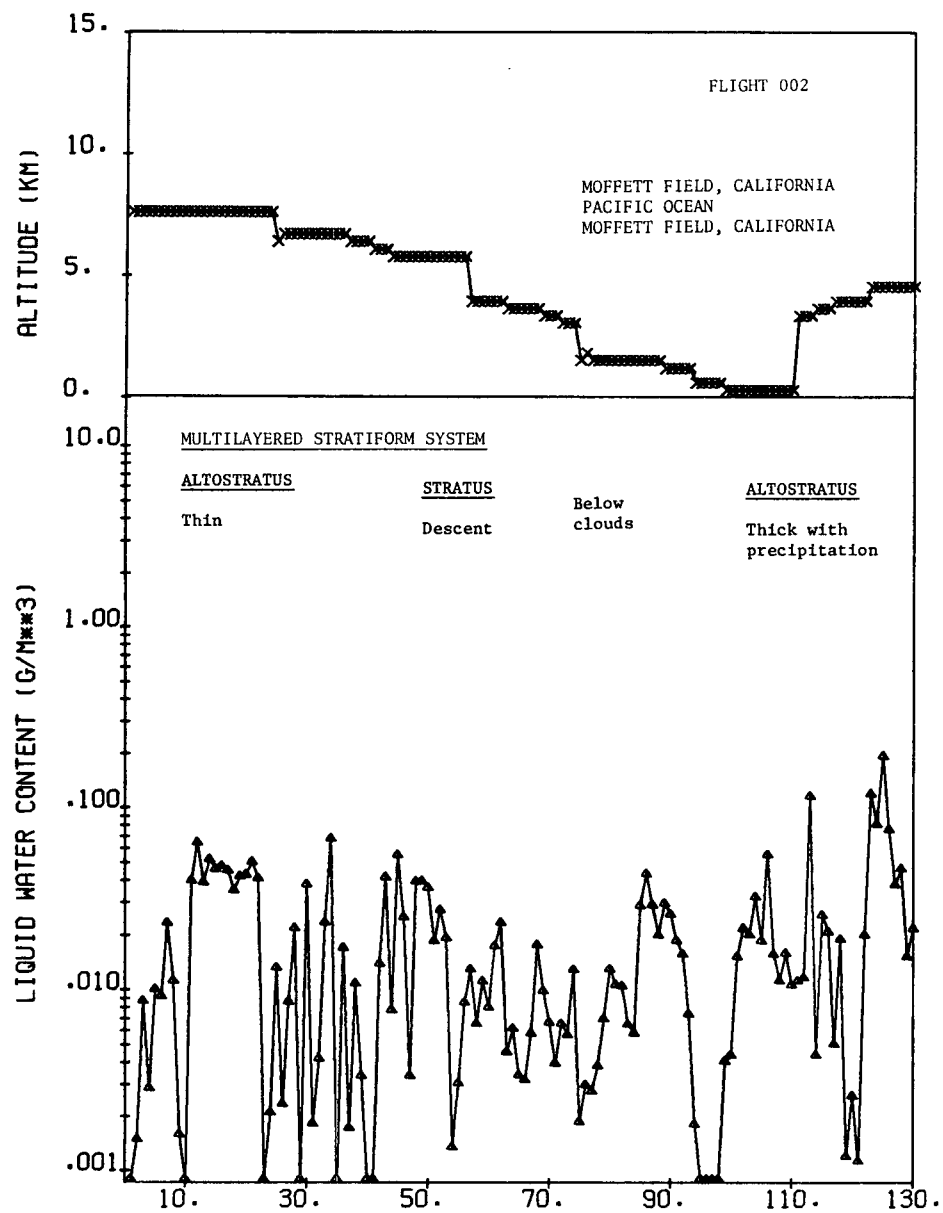


Figure 4 Liquid Water Content and Altitudes for Flight 2

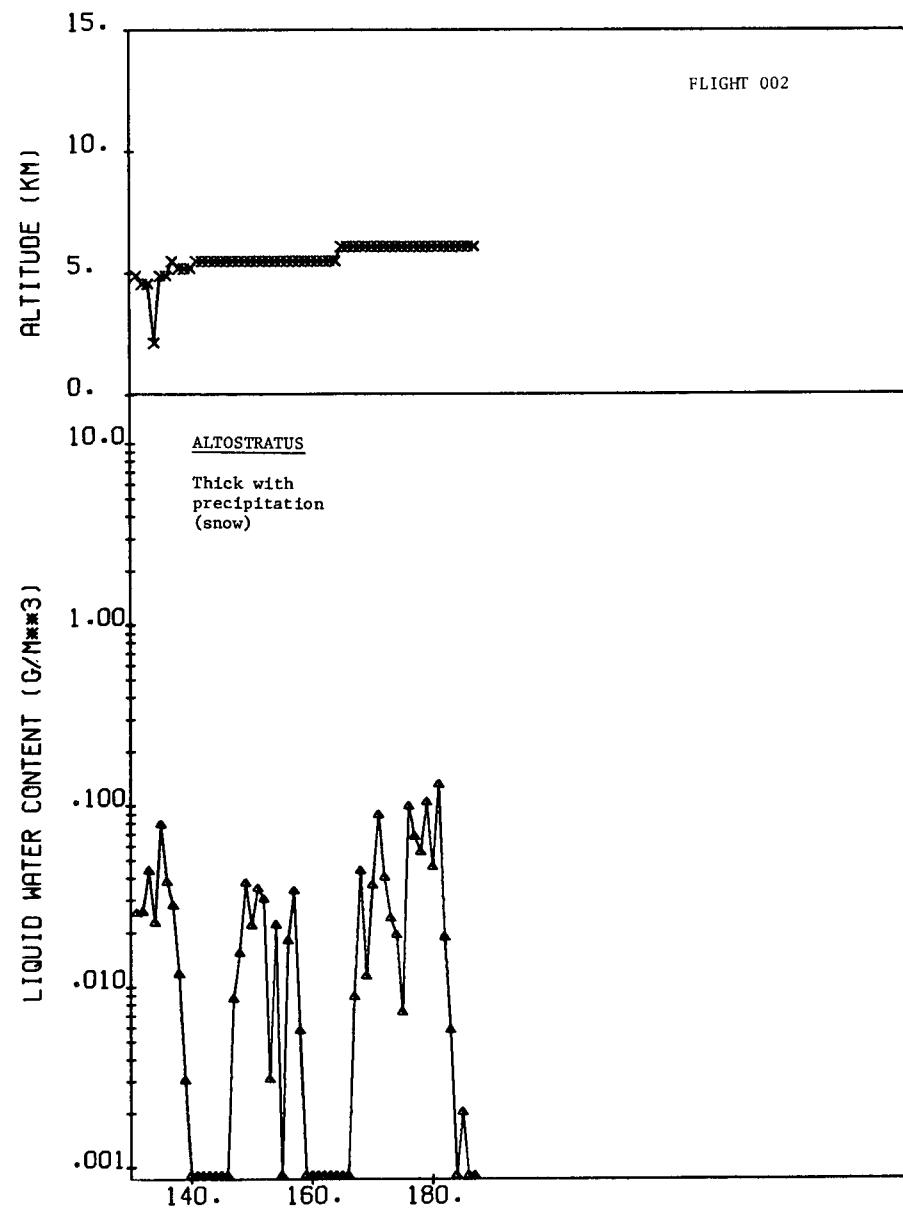


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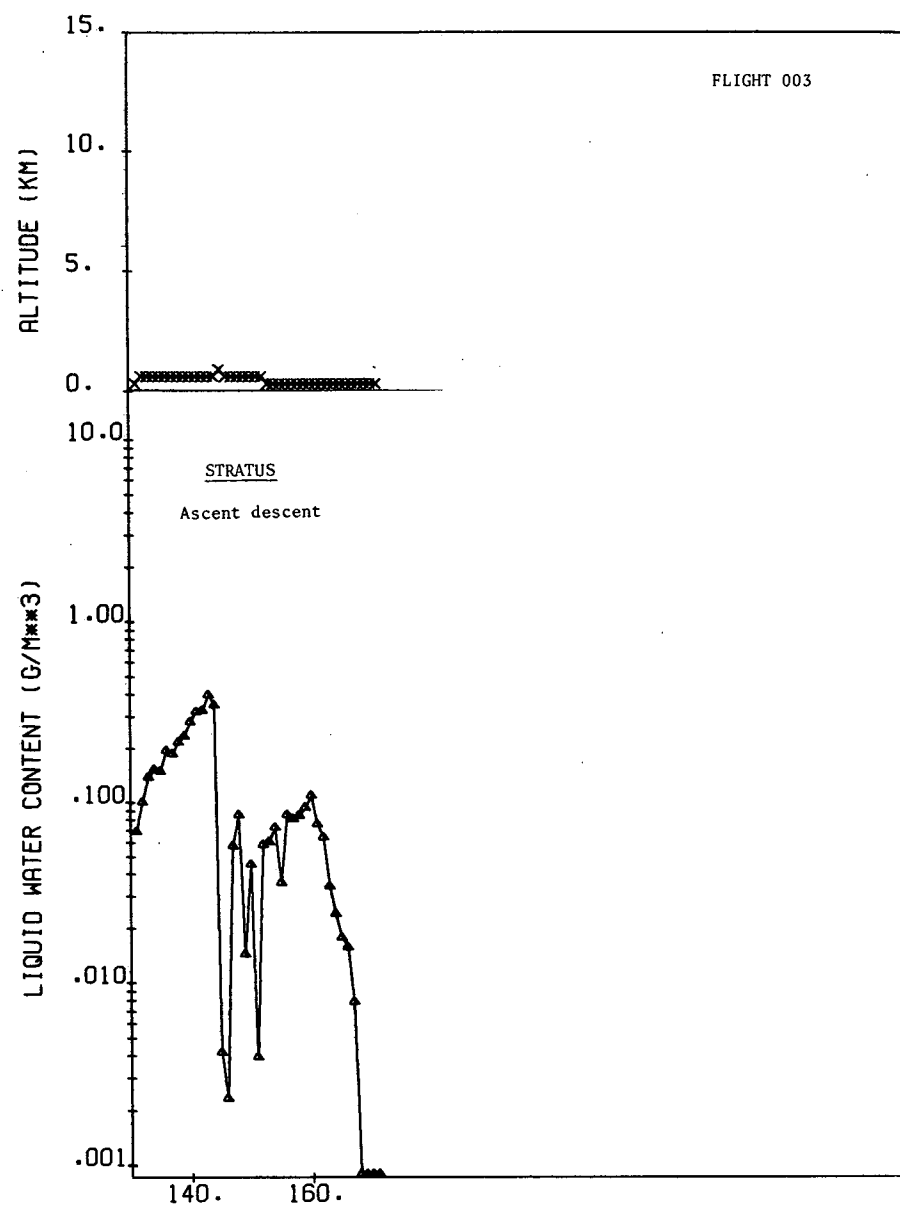
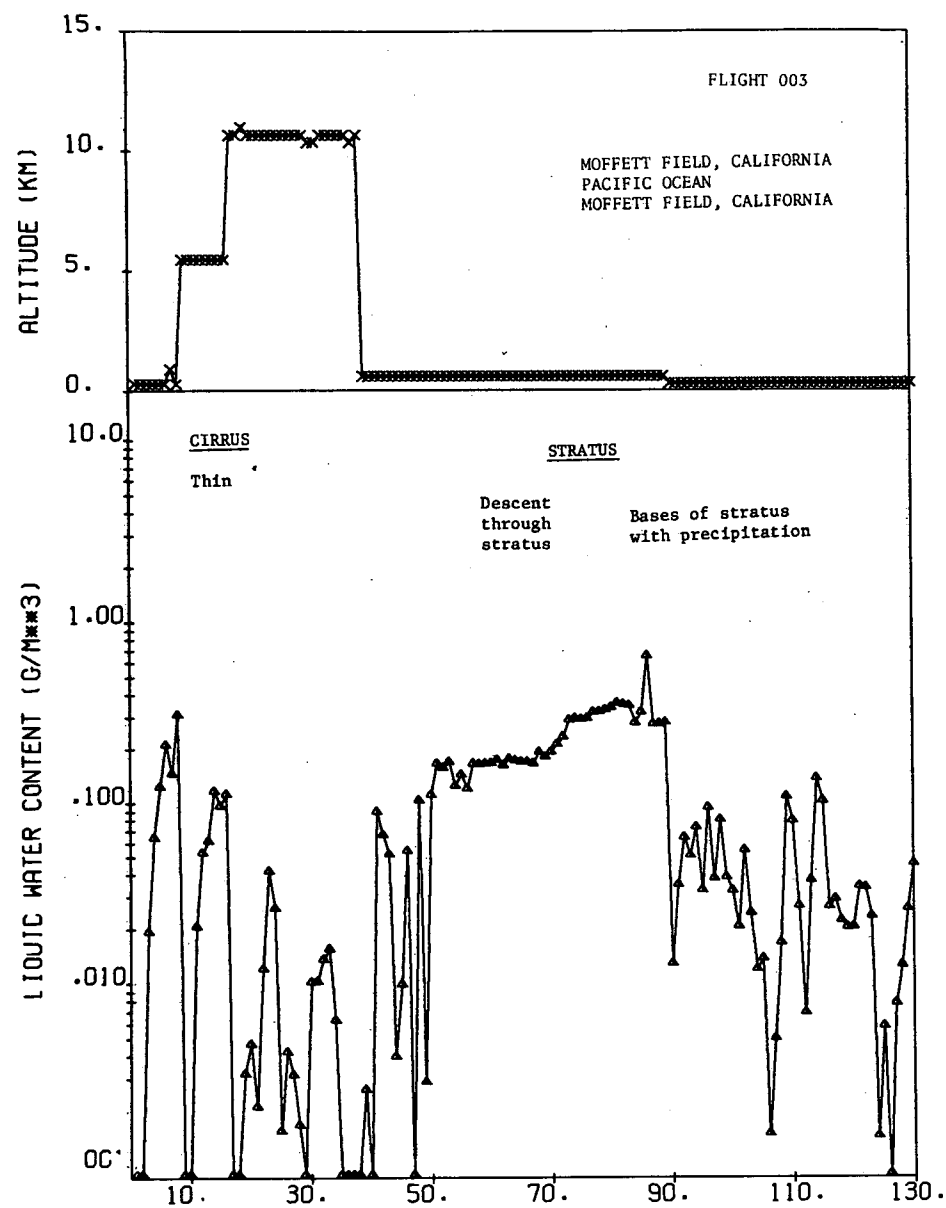


Figure 5 Liquid Water Content and Altitudes for Flight 3

Figure 5 Continued

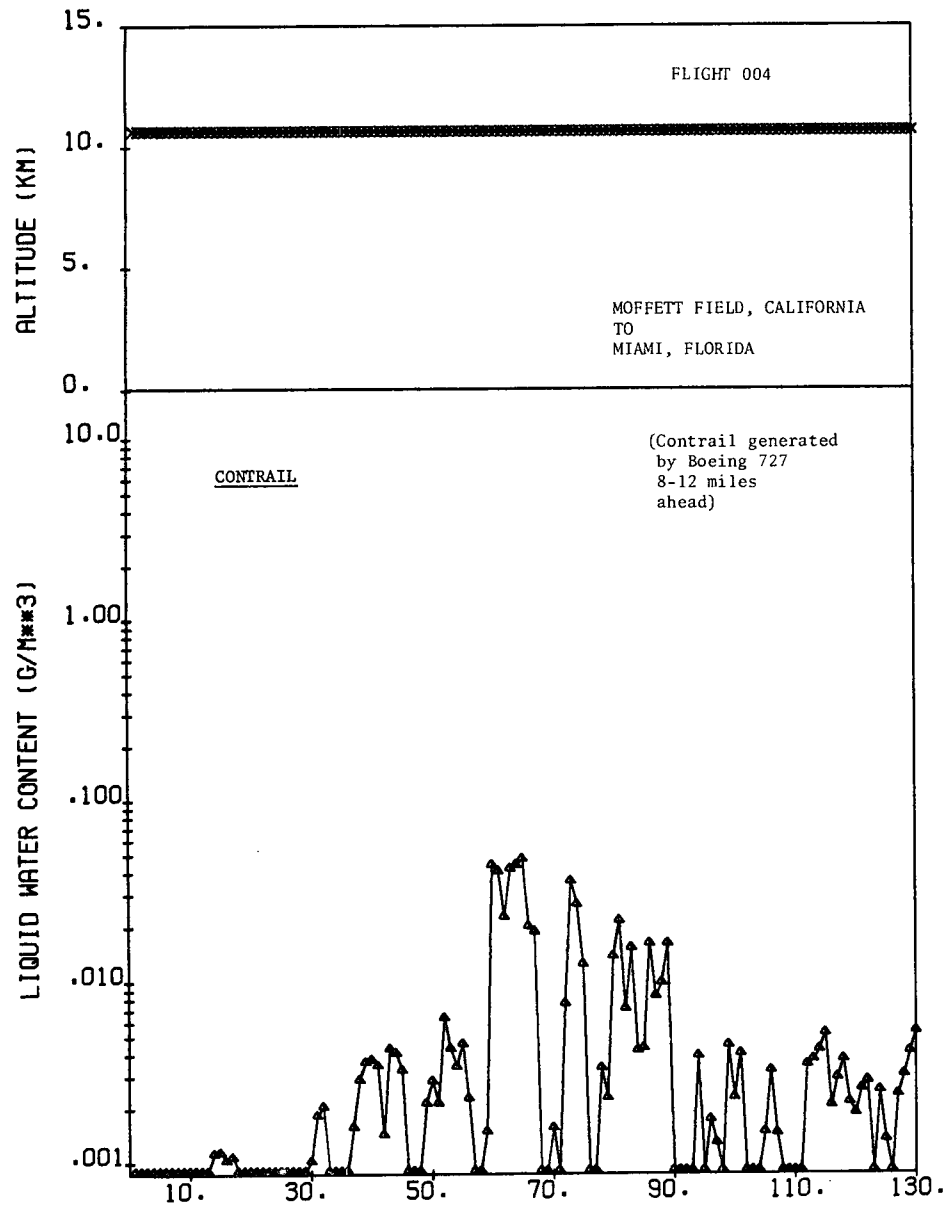


Figure 6 Liquid Water Content and Altitudes for Flight 4

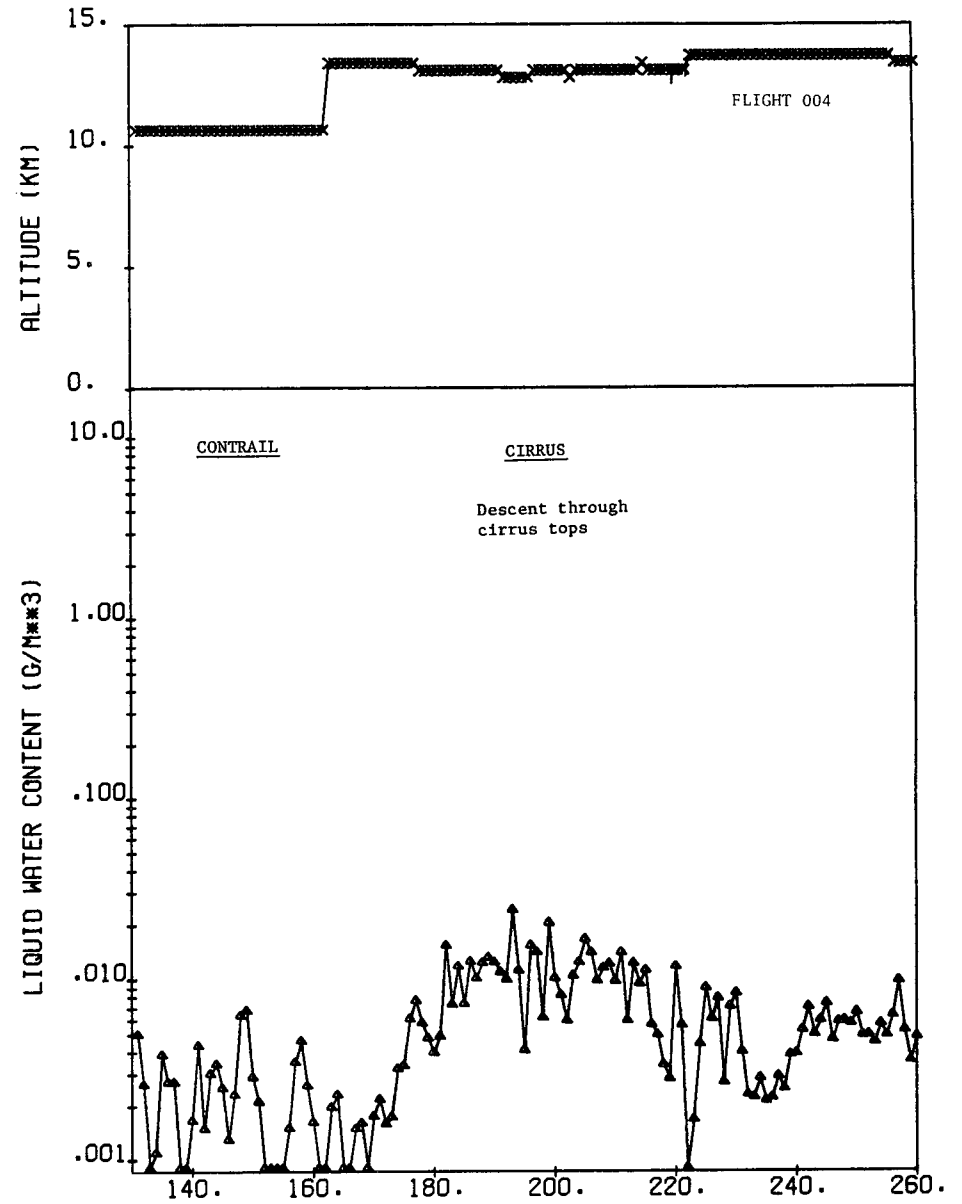


Figure 6 Continued

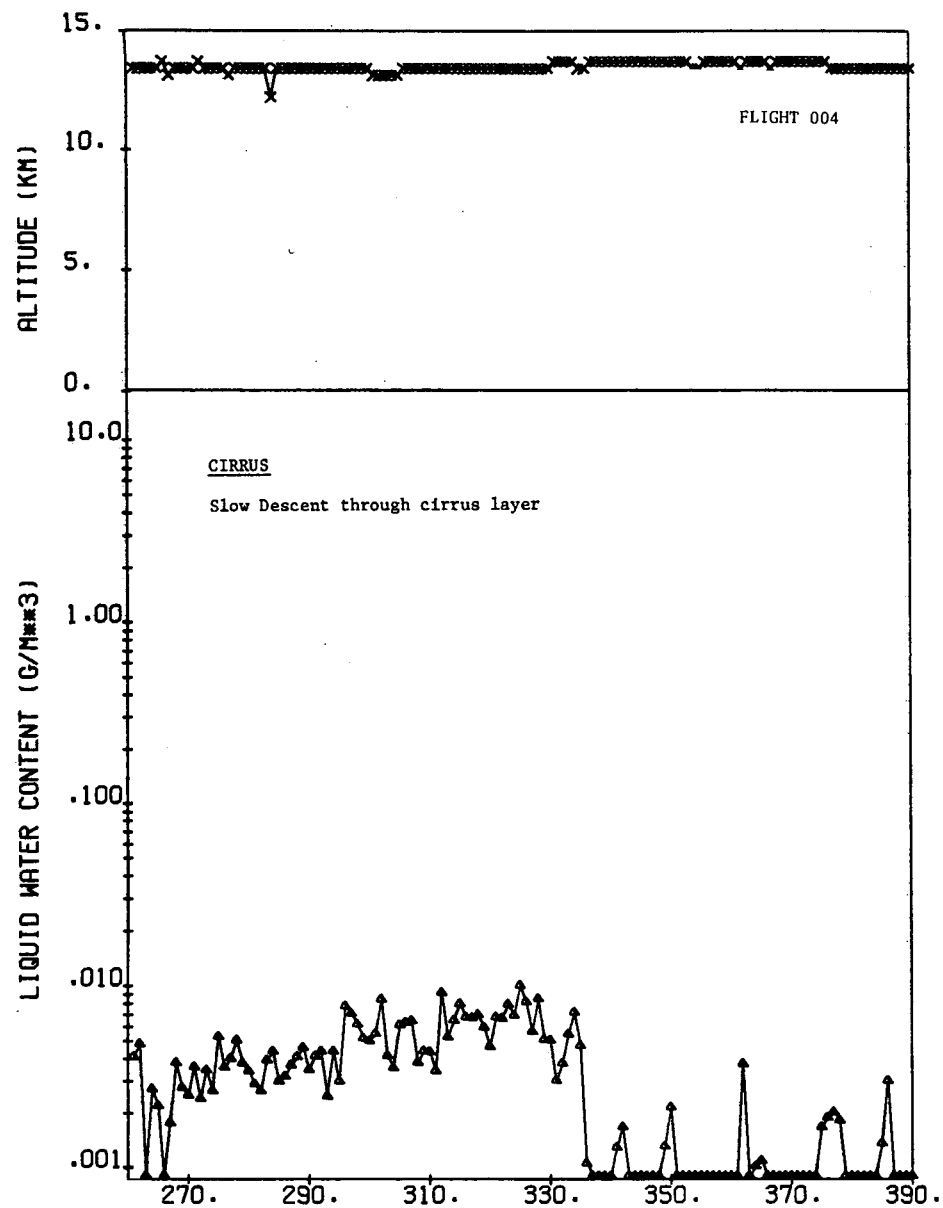


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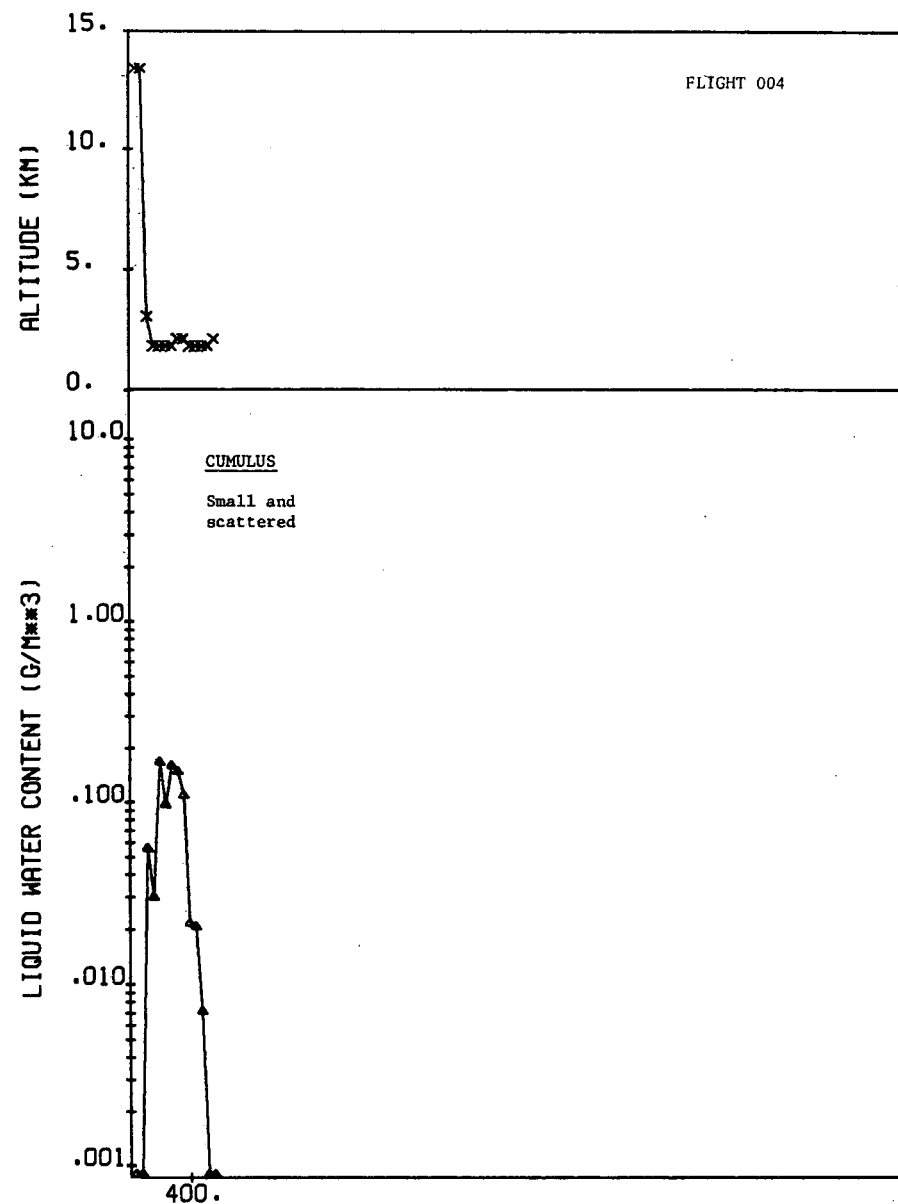


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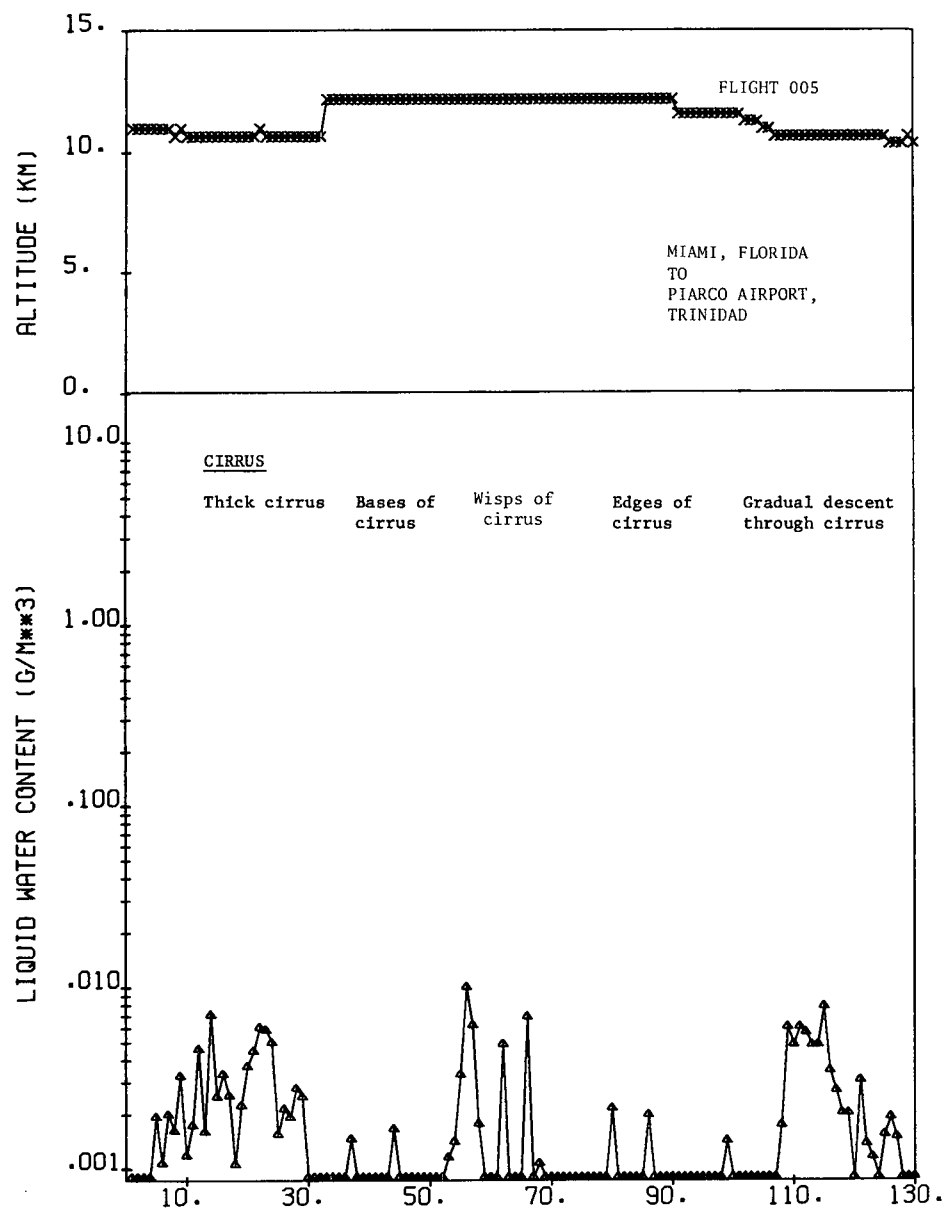


Figure 7 Liquid Water Content and Altitudes for Flight 5

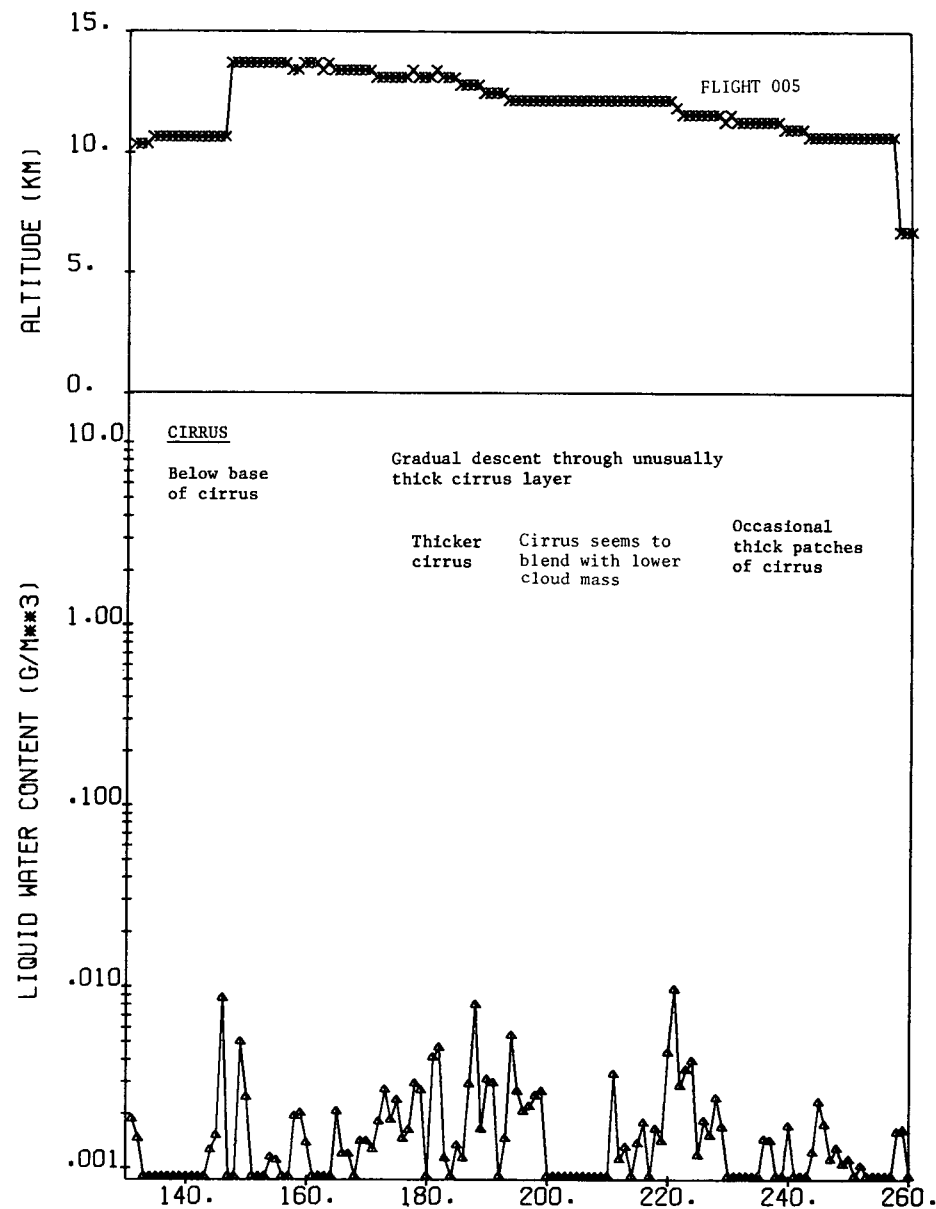


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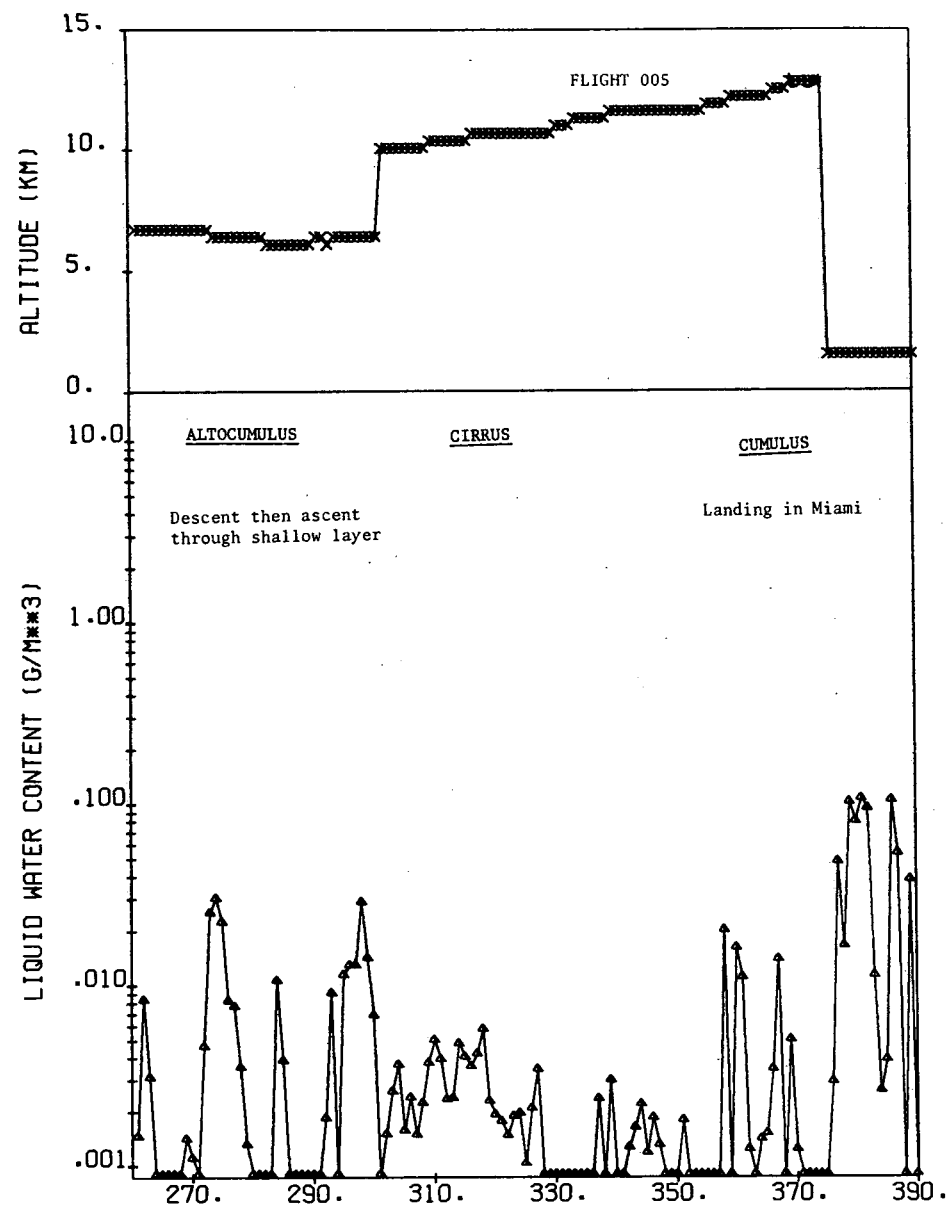


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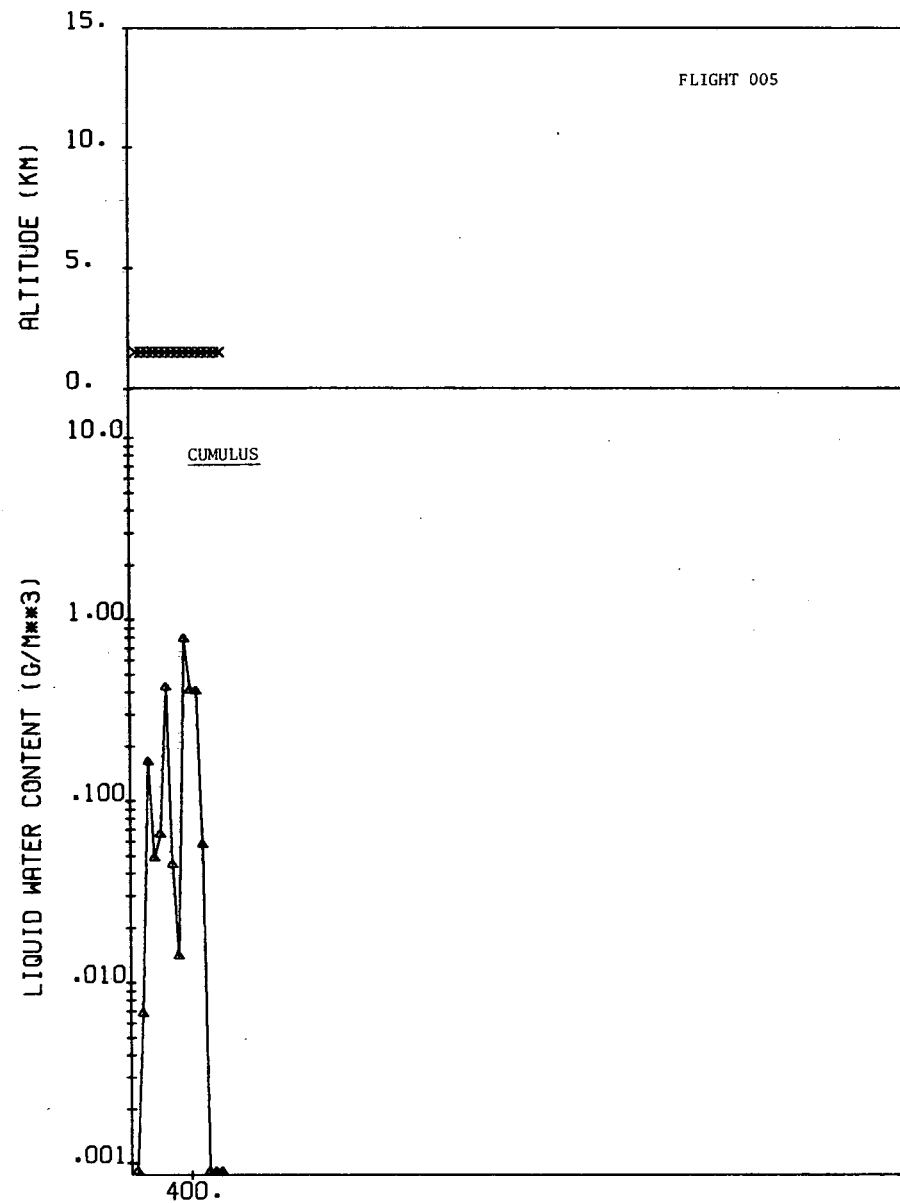


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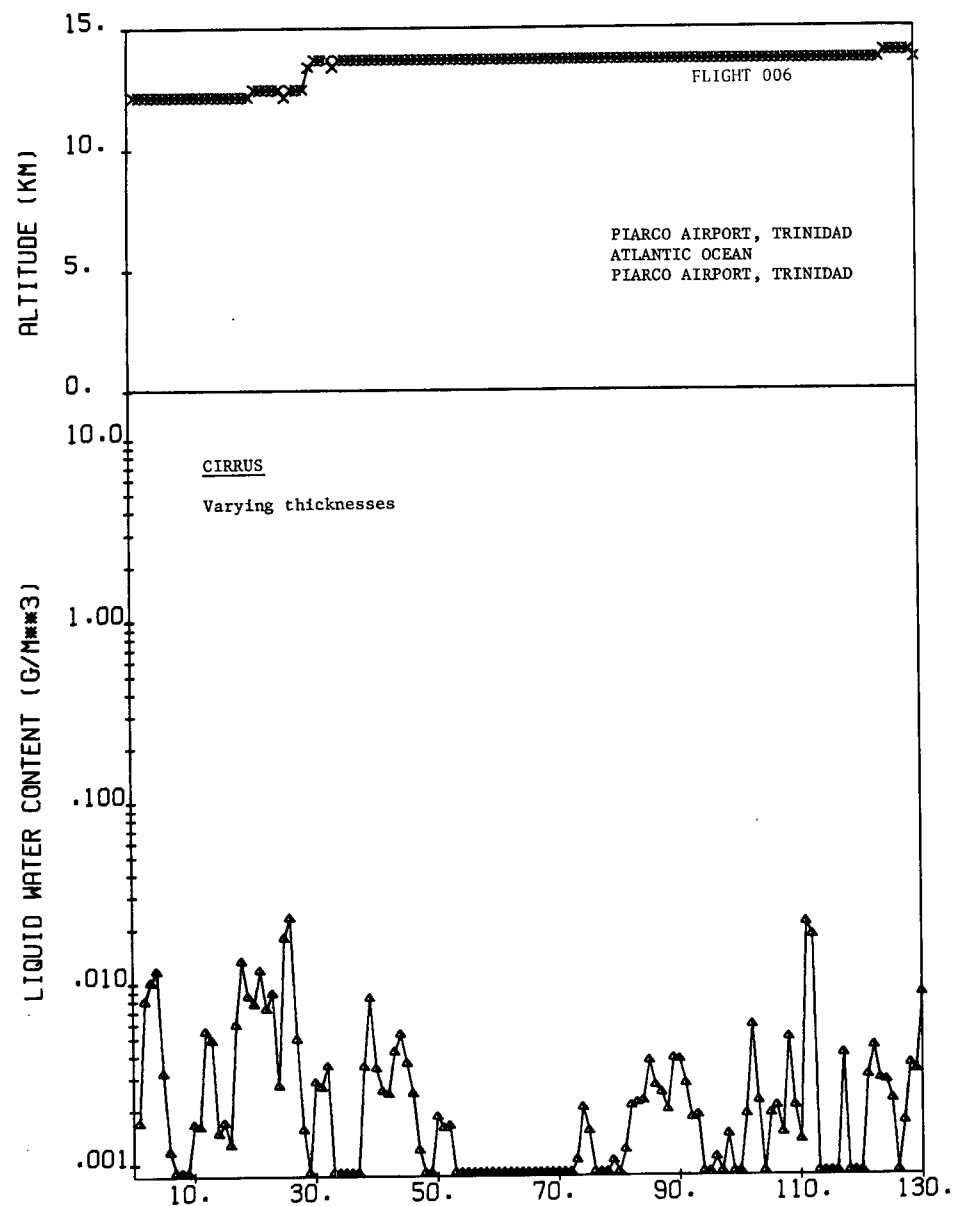


Figure 8 Liquid Water Content and Altitudes for Flight 6

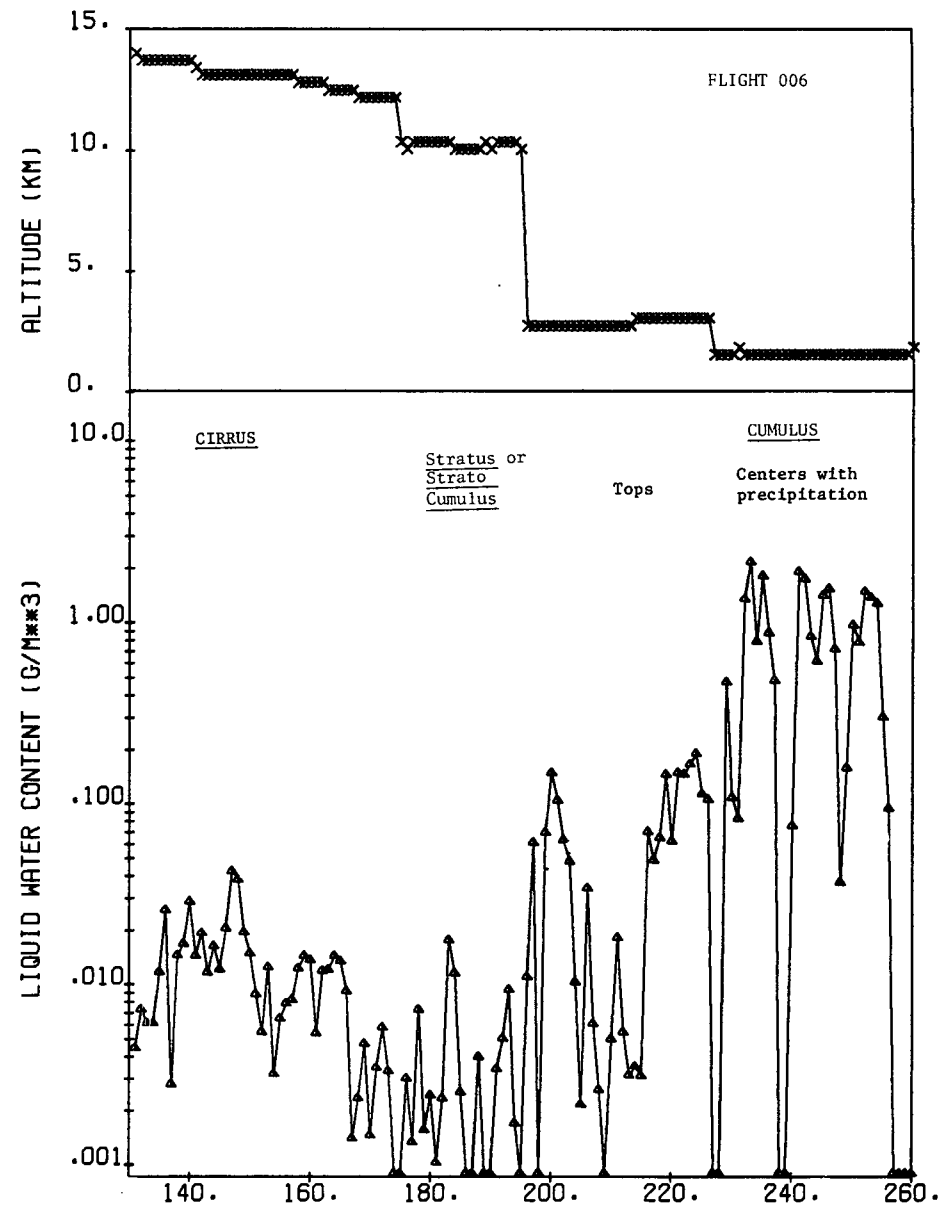


Figure 8 Continued

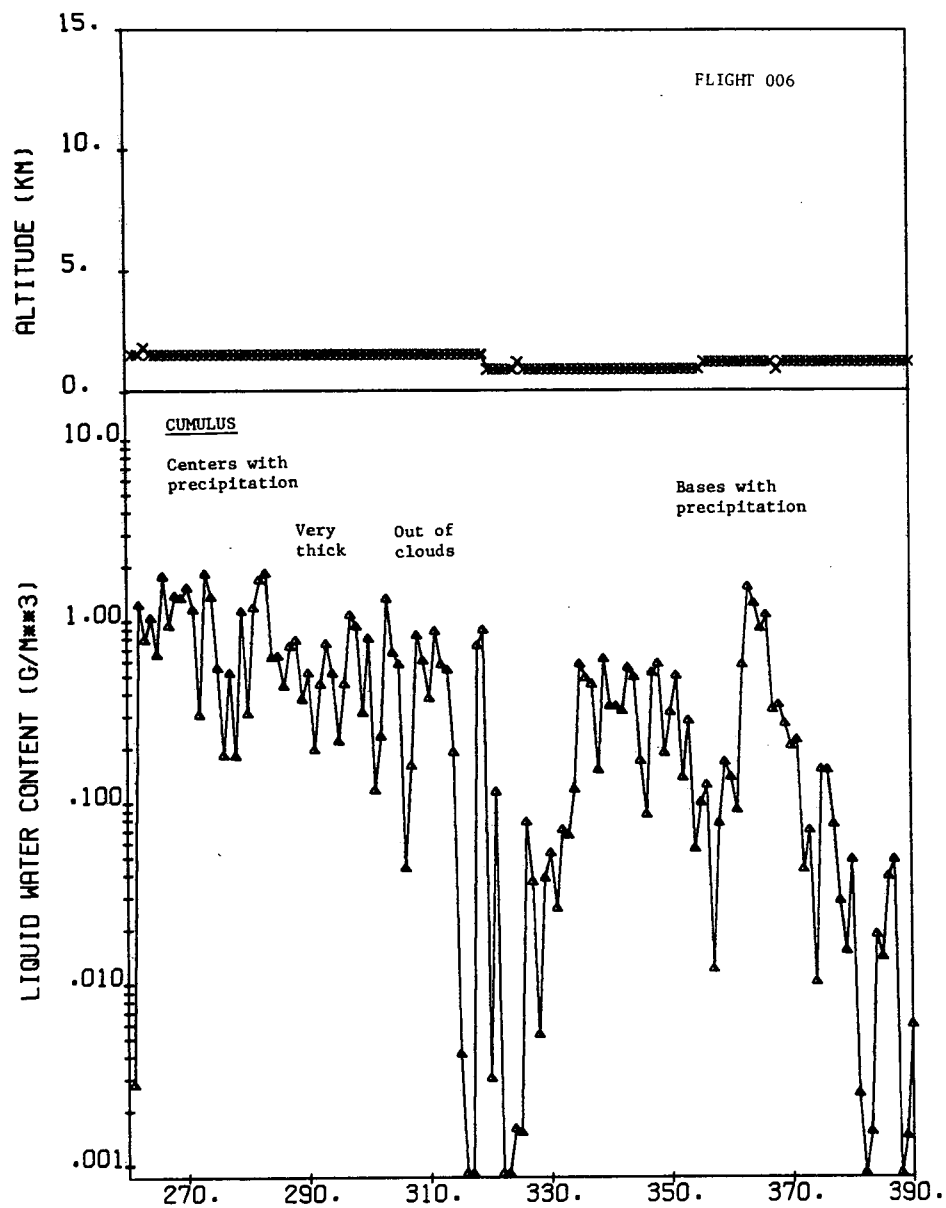


Figure 8 Continued

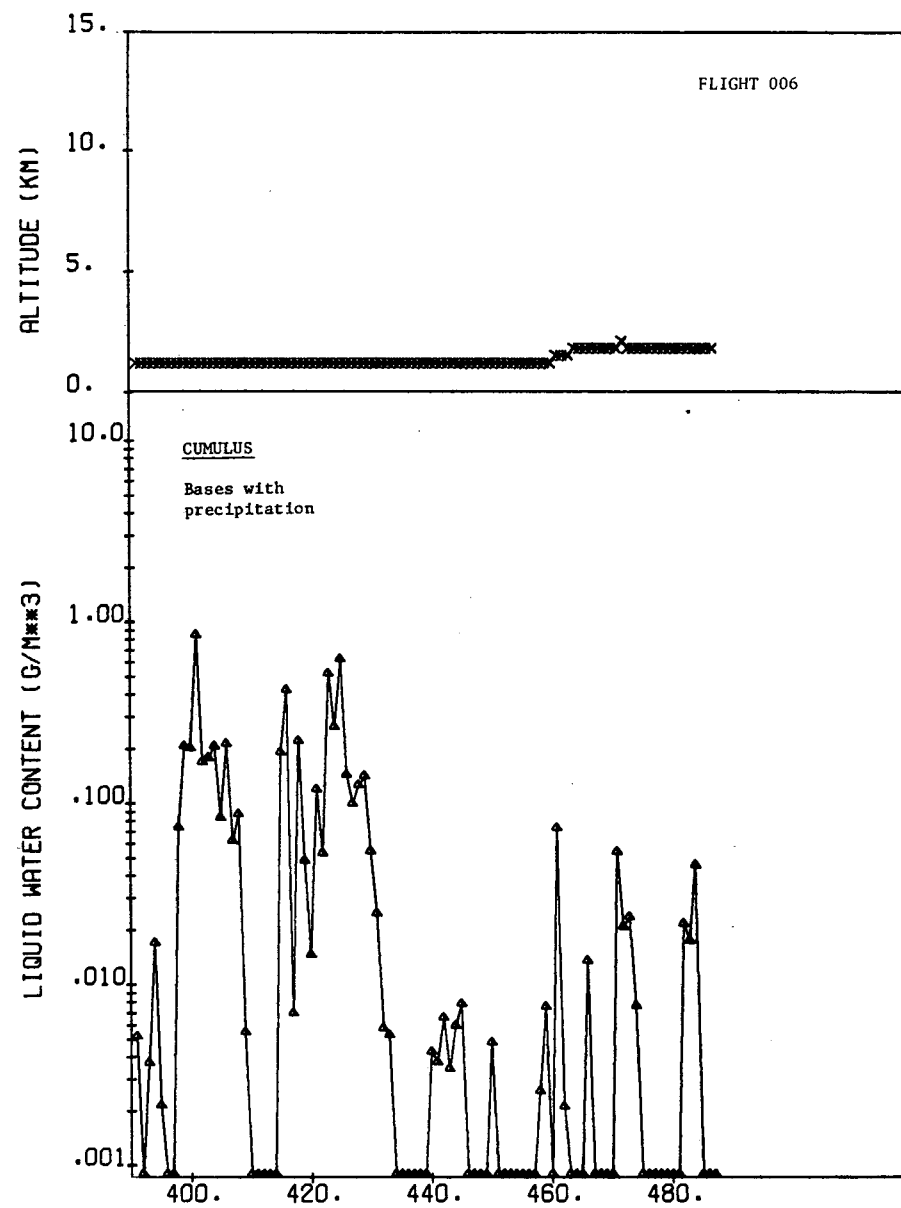


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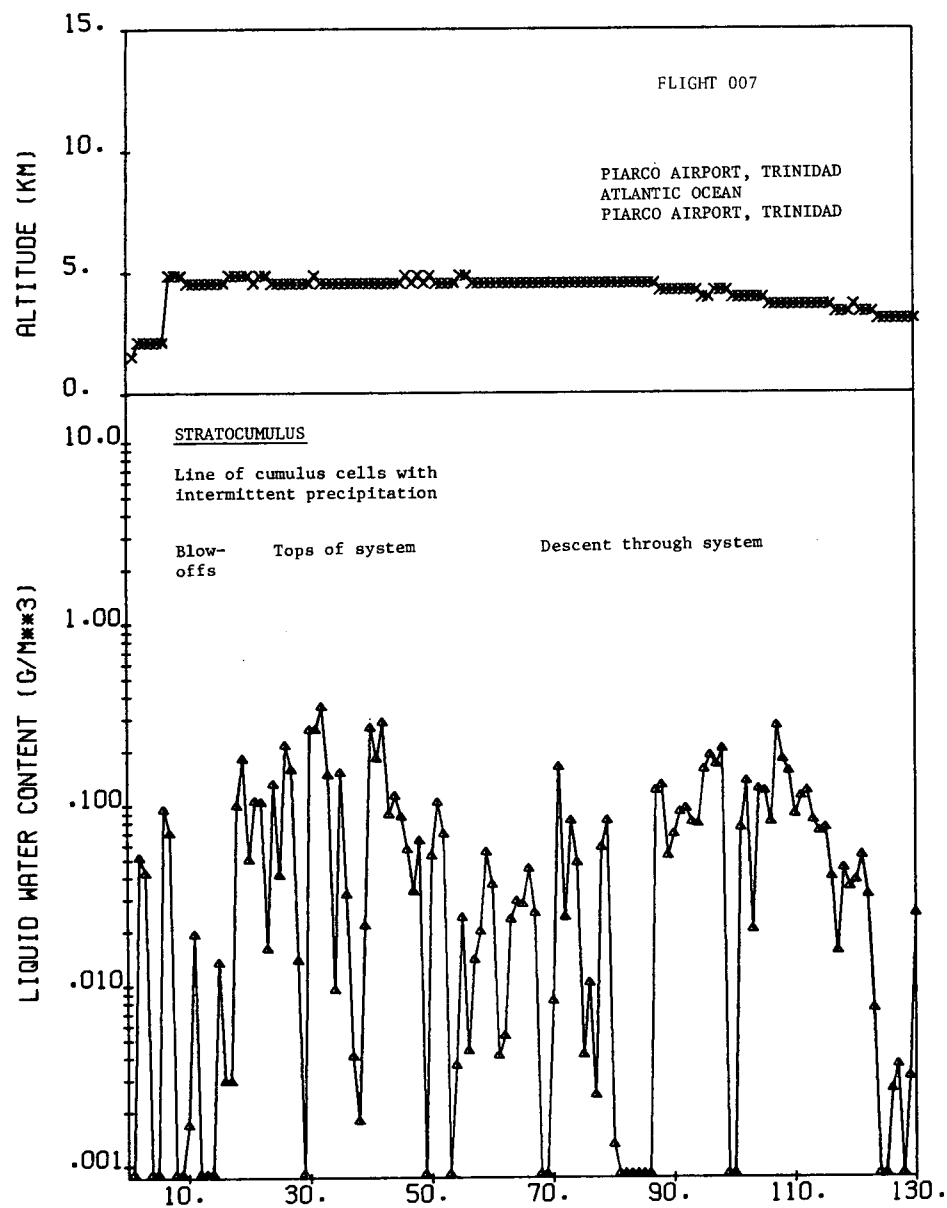


Figure 9 Liquid Water Content and Altitudes for Flight 7

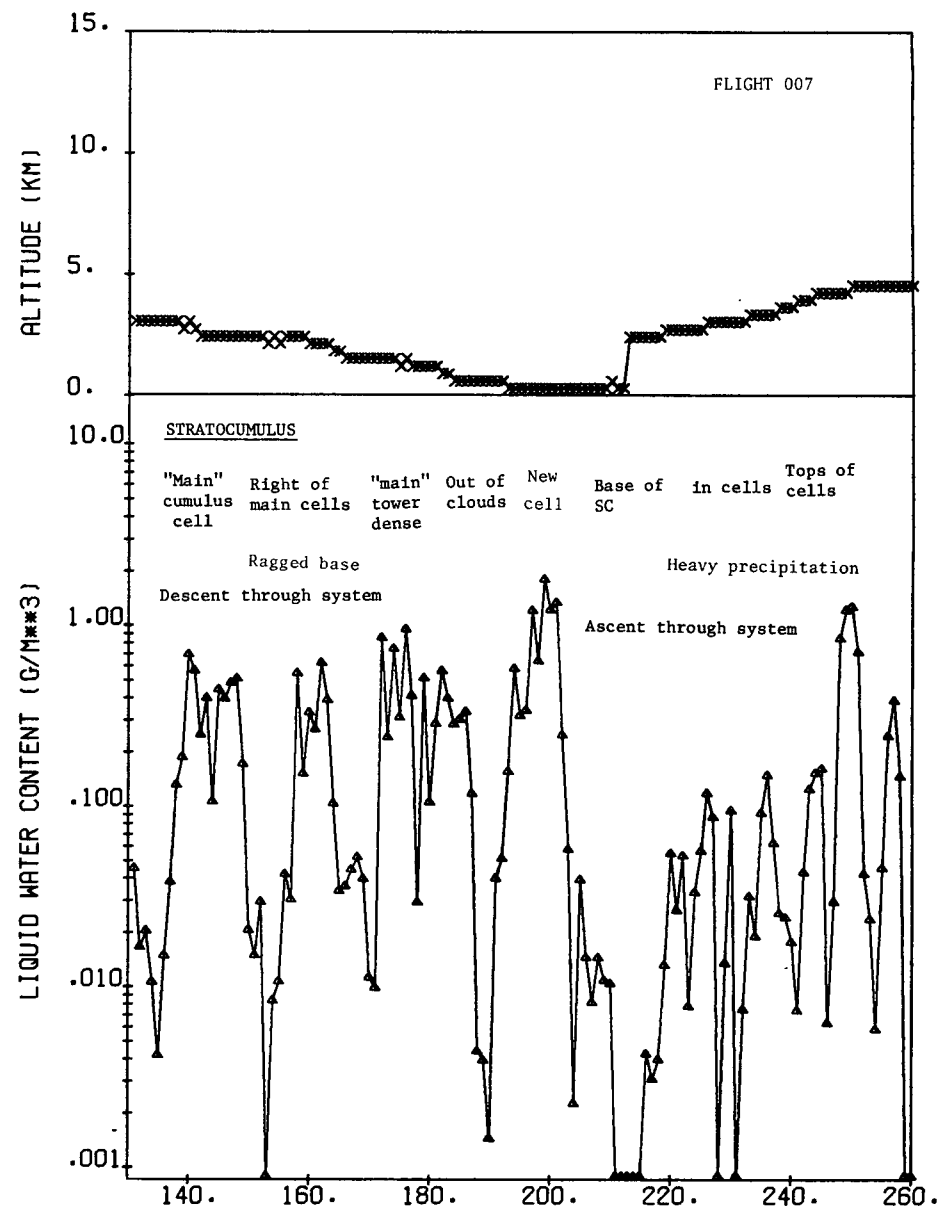


Figure 9 Continued

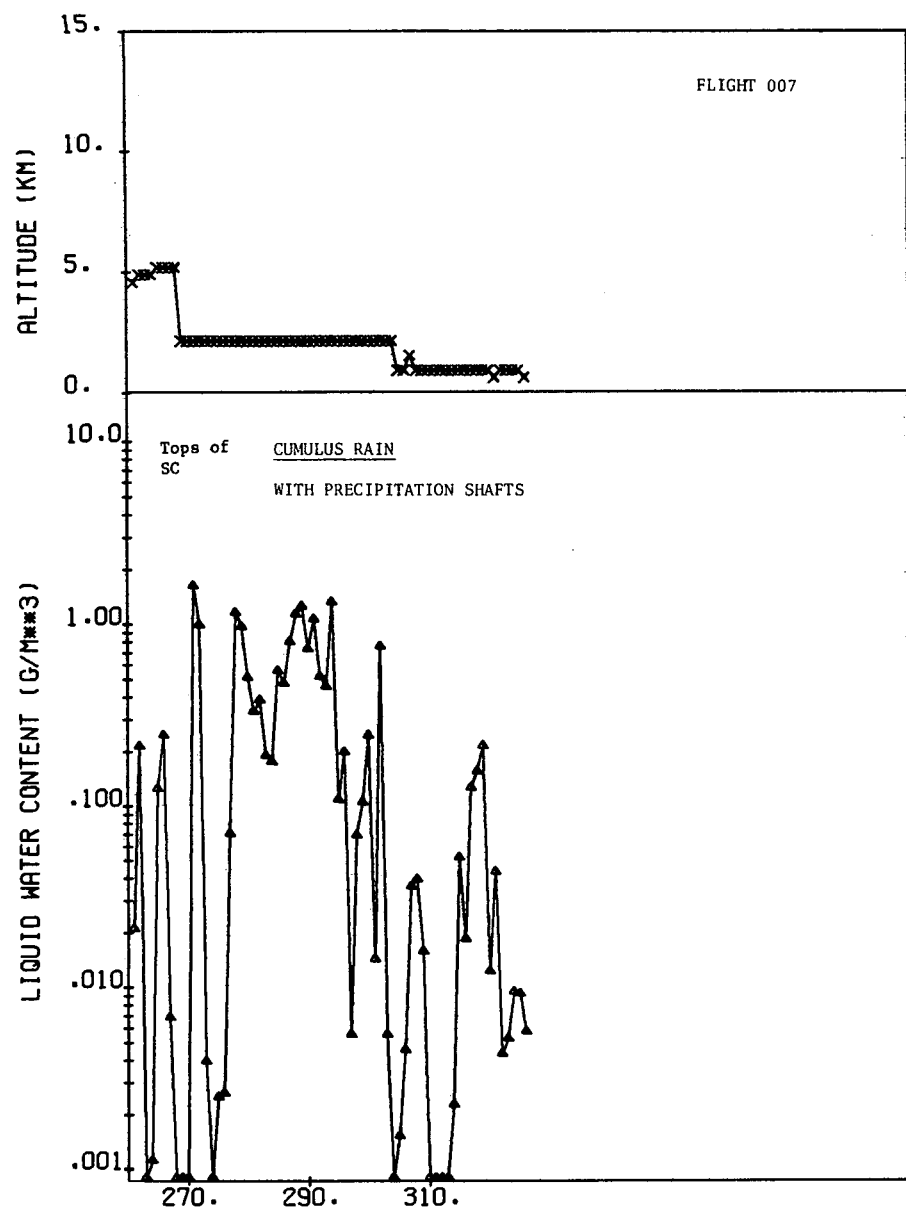


Figure 9 Continued

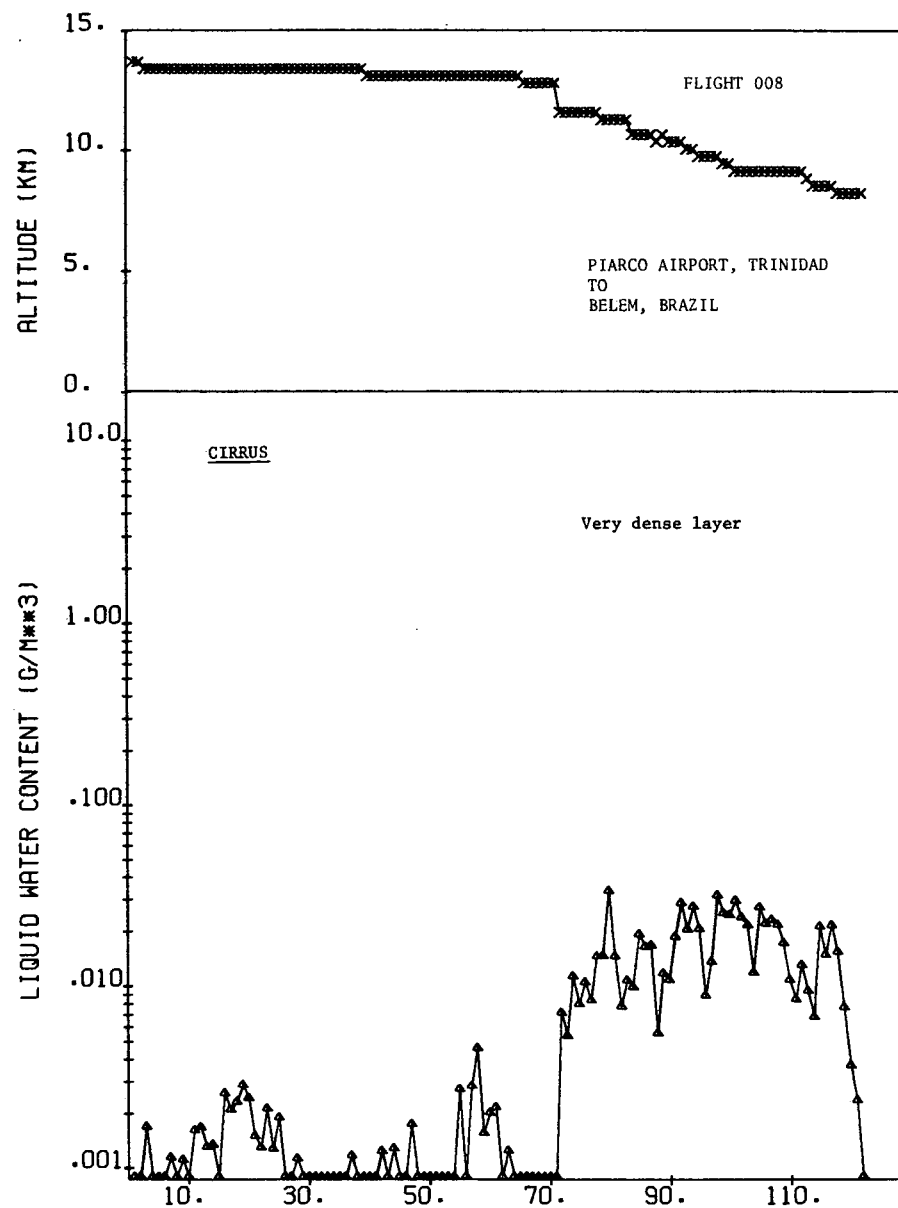


Figure 10 Liquid Water Content and Altitudes for Flight 8

greater than  $20^{\circ}\text{C}$ ), high values of liquid water content would definitely be expected. Furthermore, the presence of precipitation guarantees the presence of the larger (30 to 60  $\mu\text{m}$ ) cloud droplets. Since the liquid water content is strongly dependent on the third power of the droplet radius, the occurrence of even a few of these large droplets can significantly increase the computed value of  $L$ . (Examples of this dependence of  $L$  on large values of  $r$  are shown in a subsequent section.)

For non-precipitating clouds, the values of  $L$  are usually between 0.1 and 0.5  $\text{gm}/\text{m}^3$ . (Values less than 0.1 are generally associated with the edges of the clouds or clear spaces.) These values are certainly within the range of those reported by previous investigators (e.g., Fletcher, 1966, or Khrgian, 1961).

The high-altitude cirriform clouds (generally reported as cirrus) sampled by the spectrometer have consistently low values of liquid water content; in fact, the values are generally less than 0.01  $\text{gm}/\text{m}^3$ . These numbers would indicate ice content rather than liquid water content; however, they are meaningless, since the computation for water content assumes the measurement of spherical droplets and all particles sensed in cirrus would be non-spherical ice crystals. However, the crystal number density for these clouds is accurate, and will be discussed in the following section.

### 3.2 Droplet Distribution

It was not feasible, within the scope of this study, to present figures of droplet distributions for all samples, partly because of the difficulty of graphing droplet concentrations, for eleven channels, across two thousand readings. Defining a meaningful average spectrum for each cloud type is also difficult, due to the lack of quantitative descriptions of cloud heights and cloud densities. However, despite these problems, it is possible to detect systematic differences in spectra from one cloud type to another.

In general, high number densities are found in stratiform clouds for the range of diameters from 5.5 to 21  $\mu\text{m}$  and in cumuliform clouds for the range 5.5 to 50  $\mu\text{m}$ . With precipitation, the distributions change; in most situations the spectra become very broad with frequent measurements of droplets with diameters greater than 50  $\mu\text{m}$ . No clear relationship exists between liquid water content and droplet distribution although the appearance of larger droplets is often associated with an increase in liquid water content. (This is most clearly seen with the precipitating cumulus (Figures 8 and 9) but is also apparent in cases with no precipitation.) Usually, with fairly constant spectra, the liquid water is highly dependent on droplet density; however, significant changes in drop sizes can overshadow the effects of droplet density. For example, compare samples 160 to 180 of Flight 1 with samples 60 to 70 of Flight 3 (Figures 11, 3, and 5). The samples in the first flight had a droplet density only 1/5 of that in the third, yet the predominance of large droplets in the first case results in liquid water content almost equal to that of the second.

Although spectra changes are most apparent in the comparison of different cloud types, the droplet distribution is not always constant within a given cloud type. The fact, for stratus, several distributions appear to be representative of the clouds encountered in flight (Figure 12) since, although the range of droplet sizes remains constant, the mode diameter is quite variable.

To illustrate this variability, normalized distributions were computed from the equation  $P_i = N_i/N$ ,  $i = 1, 2, \dots, 11$ , where

$N_i$  is the number density per unit interval of droplet diameter  
for the  $i^{\text{th}}$  channel

and  $N$  is the total droplet number density.

Since these distributions do not depend on the number of droplets in a sample, it is possible to compare the droplet spectra from sample to sample and to readily see shifts in droplet sizes.

Two series of these normalized spectra for stratus are presented in Figure 11 where  $P_i$  is plotted for the first five channels. The first series of samples, 60 to 90 in Flight 3, shows two distinctly different droplet distributions. From 60 to 70, the spectra show a very high percentage of droplets with diameters less than  $9 \mu\text{m}$ ; abruptly, the spectra shift to show a large percentage of droplets in the  $9$  to  $16 \mu\text{m}$  range. This sudden change does not seem to be related to any marked shift in height, but obviously indicates a totally different cloud microstructure.

Samples 160 to 185 of Flight 1 (Figure 11) also show differences in spectra. From 160 to 180 there is a drop in height of 400 ft, but the spectra variations do not seem to correspond to the altitude changes.



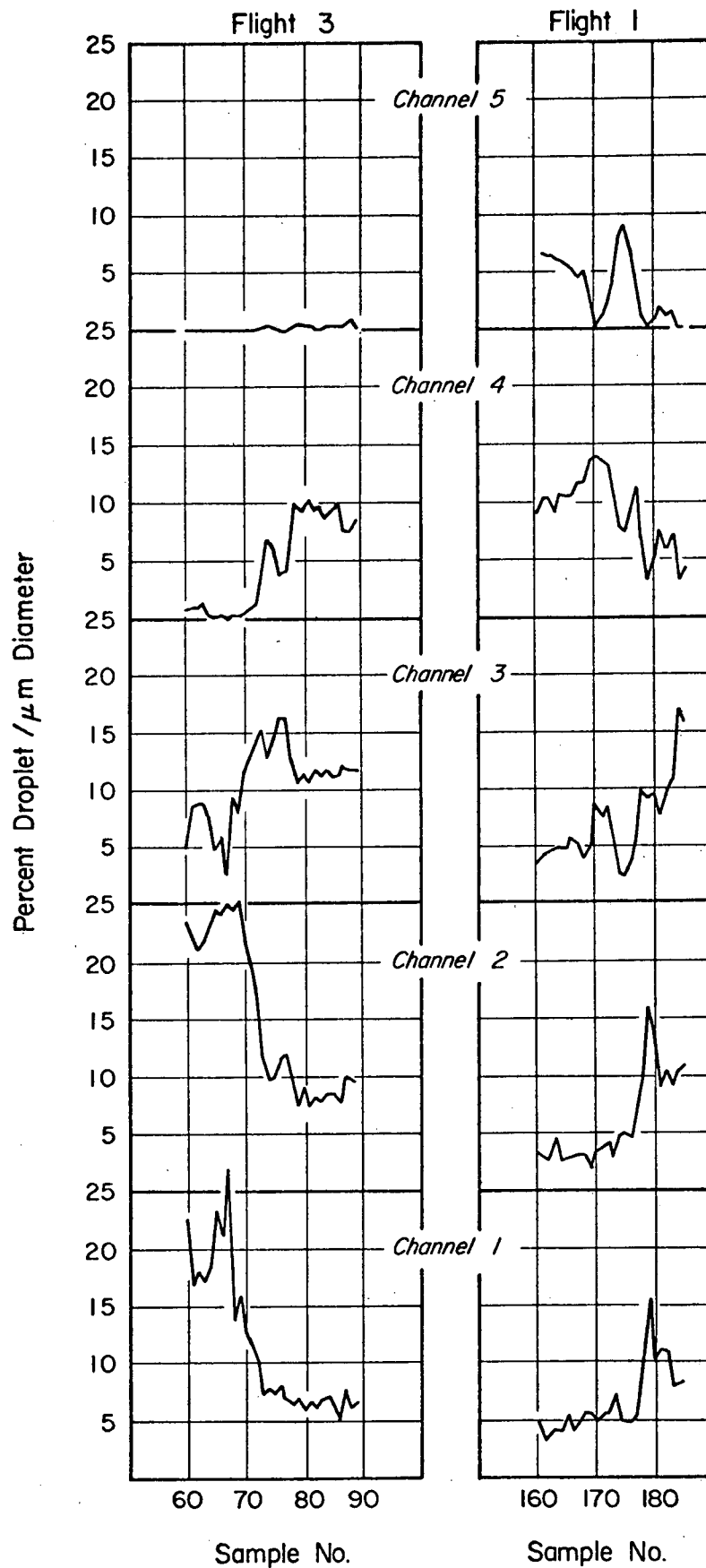


Figure 11 Normalized Droplet Spectra for Stratus

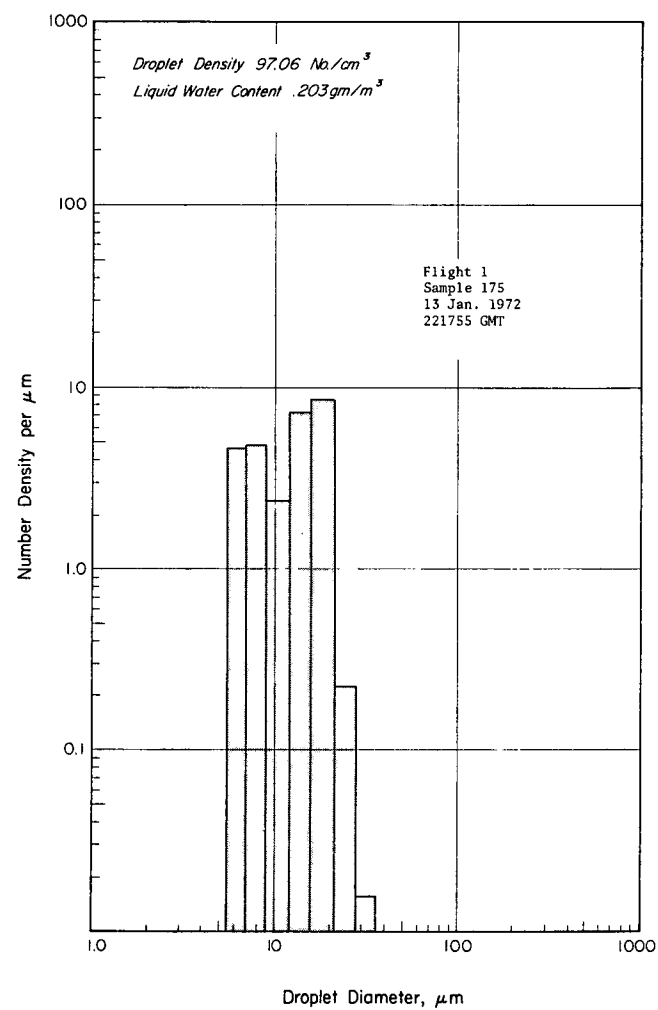
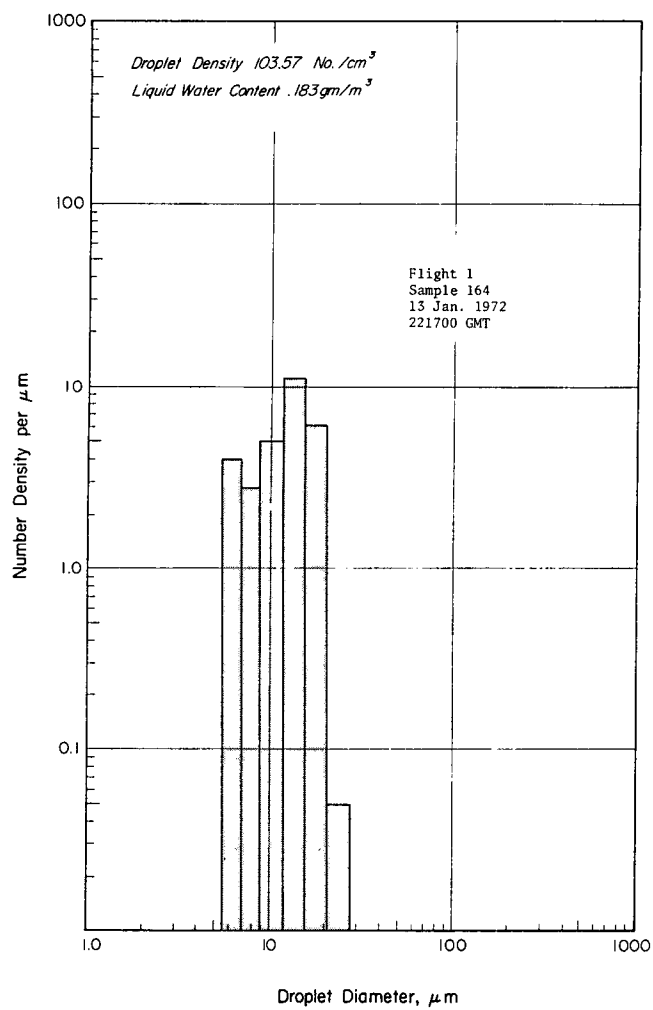


Figure 12 Droplet Size Distributions for Stratus

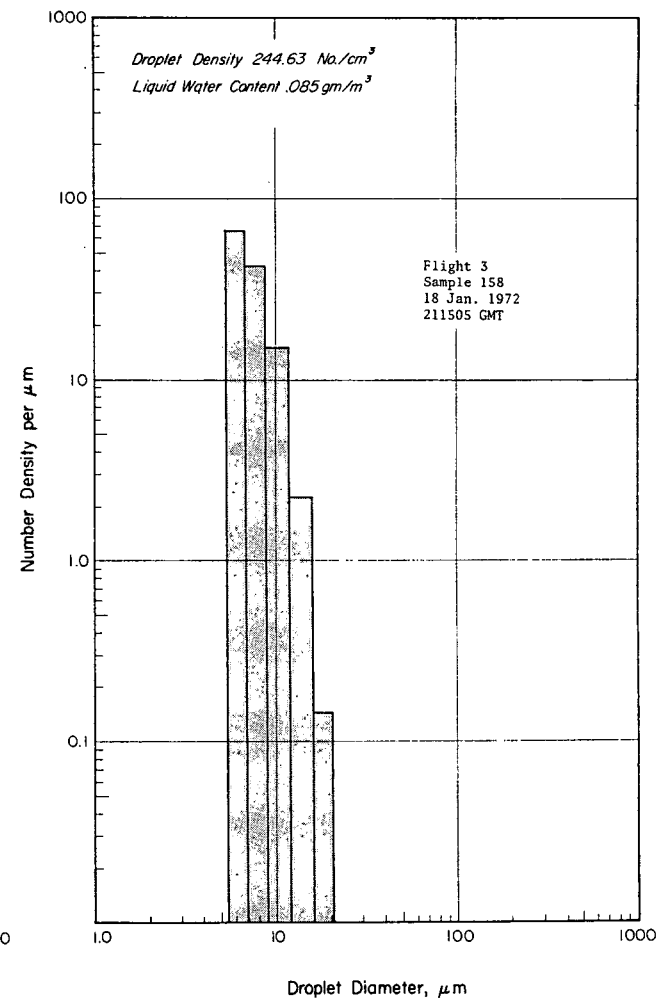
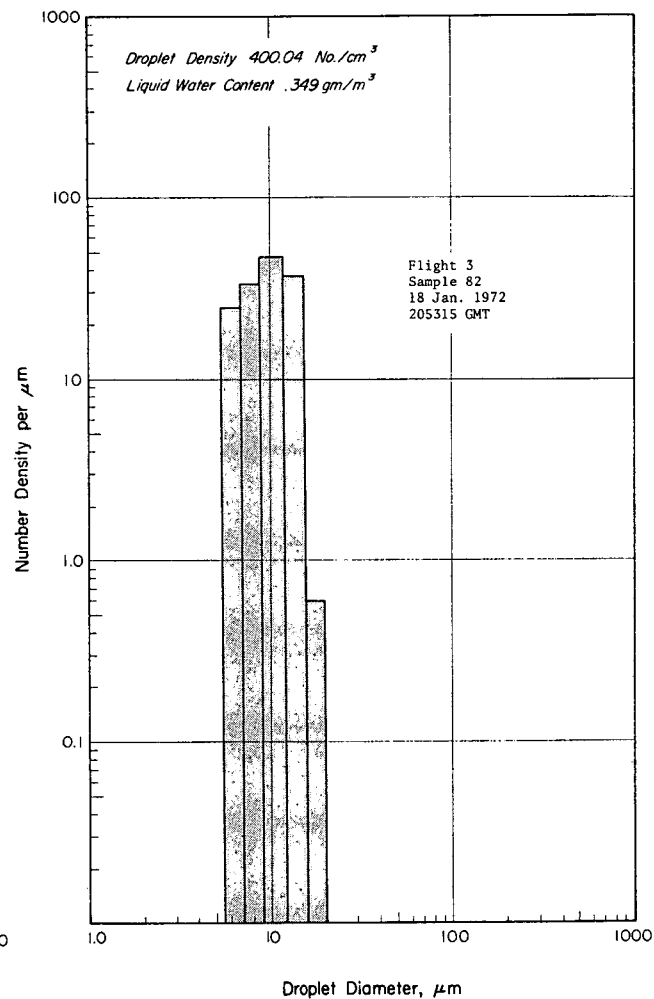
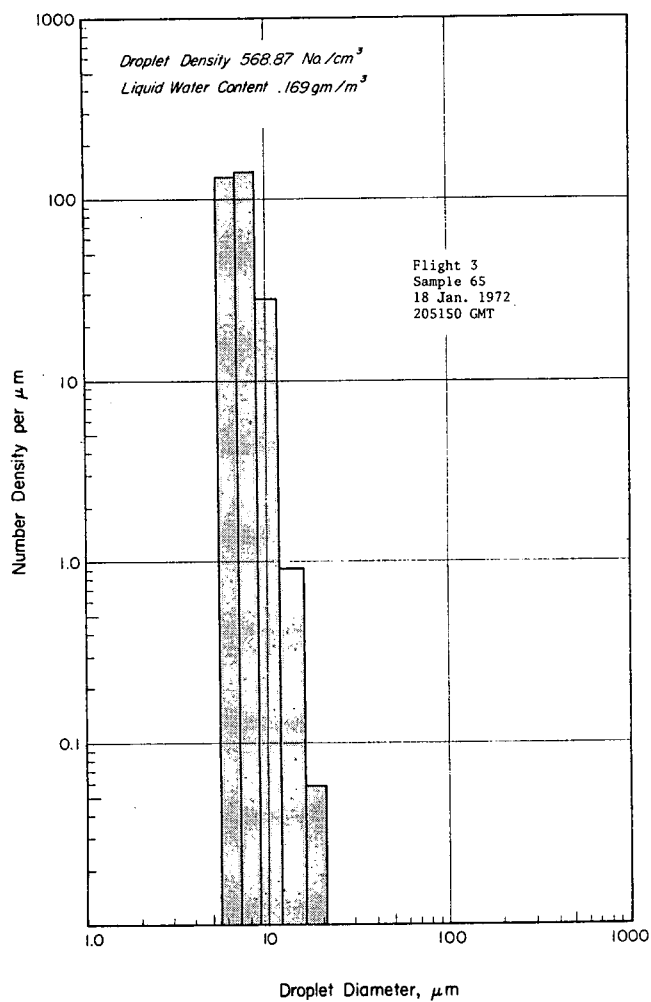


Figure 12 Continued

Nor can they be explained by differences within the cloud since there is no detailed information on cloud heights and thicknesses. However, it is clear that an apparently uniform stratus layer, with a fairly constant liquid water content, is not composed of droplets with a fixed size distribution.

The above examples illustrate the difficulty of choosing a representative distribution for stratus. This situation is not true for cumulus. Despite marked differences in liquid water content between various types of cumulus, within a particular cloud, or series of clouds, the distribution of droplet sizes remains almost constant for the various samples. These show a fairly even spread of diameter sizes across the 5.5 to 36  $\mu\text{m}$  range, with a slight preference for values less than 9  $\mu\text{m}$  and between 21 and 28  $\mu\text{m}$  (Figure 13). Compare, for example, sample 240, Flight 6 (droplet density of 12.85 no./cm<sup>3</sup> and liquid water content of .075 gm/cm<sup>3</sup>), a reading on the edge of the cloud, with sample 242 within the cloud (droplet density of 225.93 no./cm<sup>3</sup> and liquid water content of 1.733 gm/cm<sup>3</sup>). The distributions are very much alike despite the marked change in cloud density; this consistency is characteristic of most cumulus readings. The spectra do change as the clouds become precipitating; a significant percentage of the droplets have diameters greater than 21  $\mu\text{m}$ , and sizes up to 82  $\mu\text{m}$  are recorded.

The stratocumulus sampled show a droplet distribution unlike either the stratus or the cumulus spectra (Figure 14). 40 to 45% of the droplets are less than 7  $\mu\text{m}$  in size, another 15 to 20% are still less than 9  $\mu\text{m}$ , yet the range of droplet sizes almost always reaches to 36  $\mu\text{m}$ , and usually extends to 62  $\mu\text{m}$ . This leads to a very sharp initial decrease in droplet concentration followed by a very slow decline to zero. The predominance of smaller

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droplets is reminiscent of the stratus spectra, yet the percentage of droplets less than 9  $\mu\text{m}$  usually exceeds the parallel percentage found in stratus. On the other hand, the range of droplets is characteristic of cumulus, with the larger droplet sizes occurring in conjunction with precipitation.

Another characteristic of stratocumulus is the limited variability in spectra. Although the aircraft (Flight 7) flies through a series of individual cumulus cells in a line of clouds identified as stratocumulus, the spectra remains very steady despite varying densities and liquid water contents. The only noticeable change is in the upper end of the spectrum as the aircraft goes in and out of precipitation regions; even this shift tends to be small.

Altostratus is another cloud type which cannot be represented by just one distribution; however, the variability is so much more limited than stratus that the problem might be poorly identified cloud types rather than varying cloud structures. For example, in samples 1 to 100 of Flight 1, the droplet sizes are spread fairly evenly from 5.5 to 28  $\mu\text{m}$ , with a tendency for maxima of droplet percentages to occur in the ranges 5.5 to 9 and 16 to 21  $\mu\text{m}$ , and for a slight minimum to occur between 9 and 12  $\mu\text{m}$ . This results in a spectrum not greatly dissimilar from that shown for cumulus.

The droplet distributions in the altostratus of Flight 2 are quite unlike those found in Flight 1; in general, the droplets have sizes ranging from 5.5 to 47  $\mu\text{m}$  with a steady decrease in percentages from the smallest sizes to the largest (Figure 15). However, this pattern shows two variations. First, above 6 km, the maximum frequency of droplets occurs in the 7 to 9  $\mu\text{m}$  range with most diameters not exceeding 28  $\mu\text{m}$ . Second, with precipitation, the droplets grow to diameter sizes greater than 108  $\mu\text{m}$ .

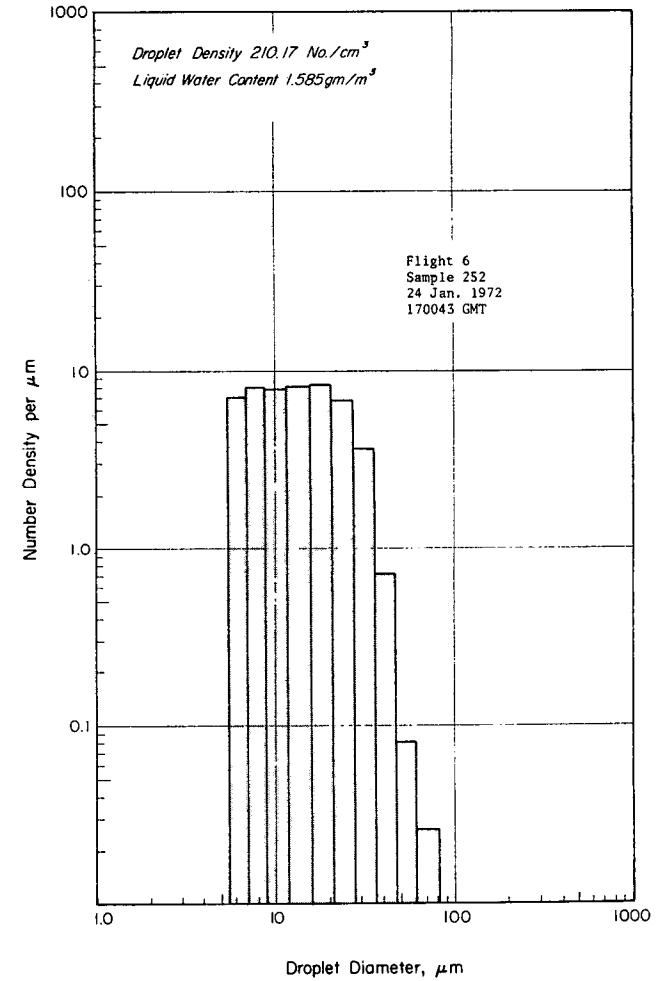
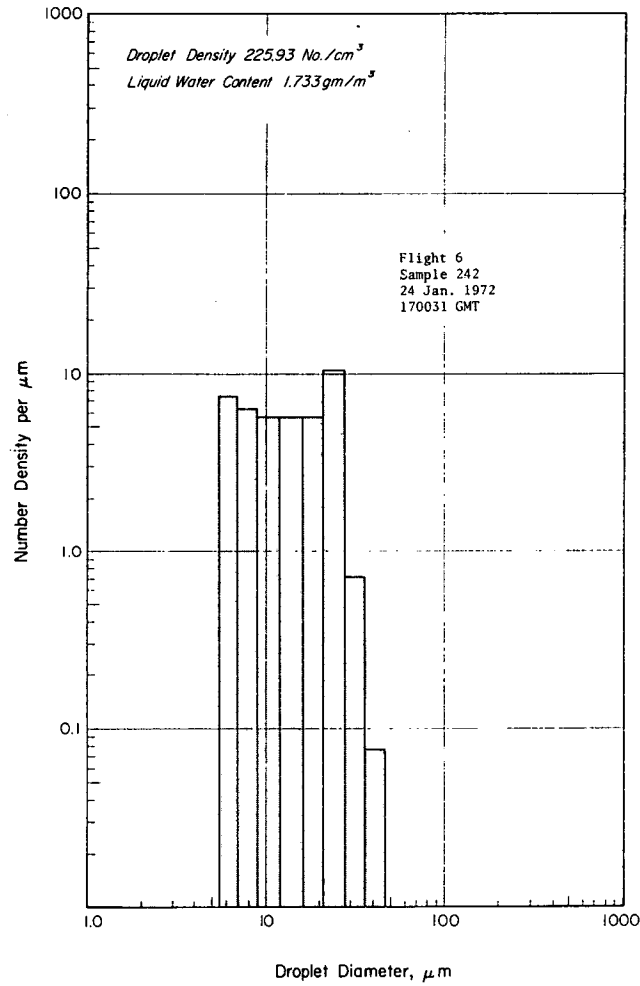
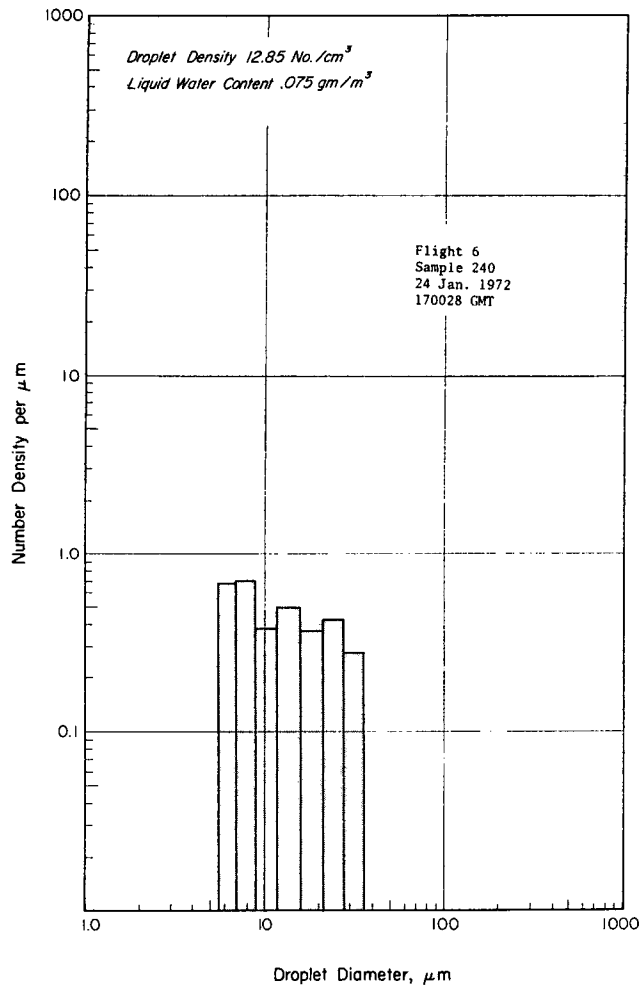


Figure 13 Droplet Size Distributions for Cumulus

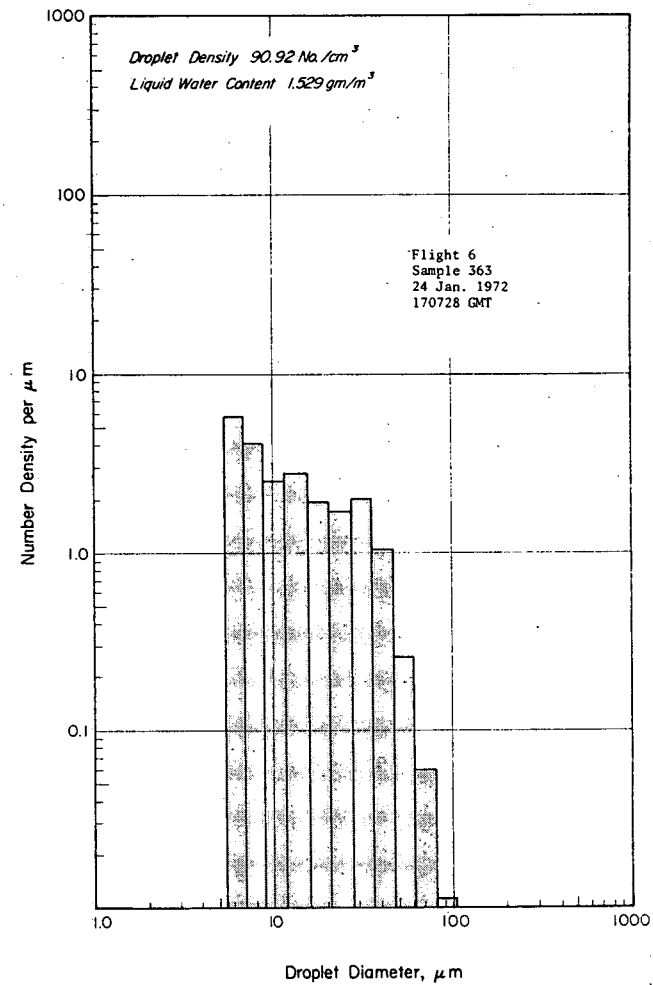
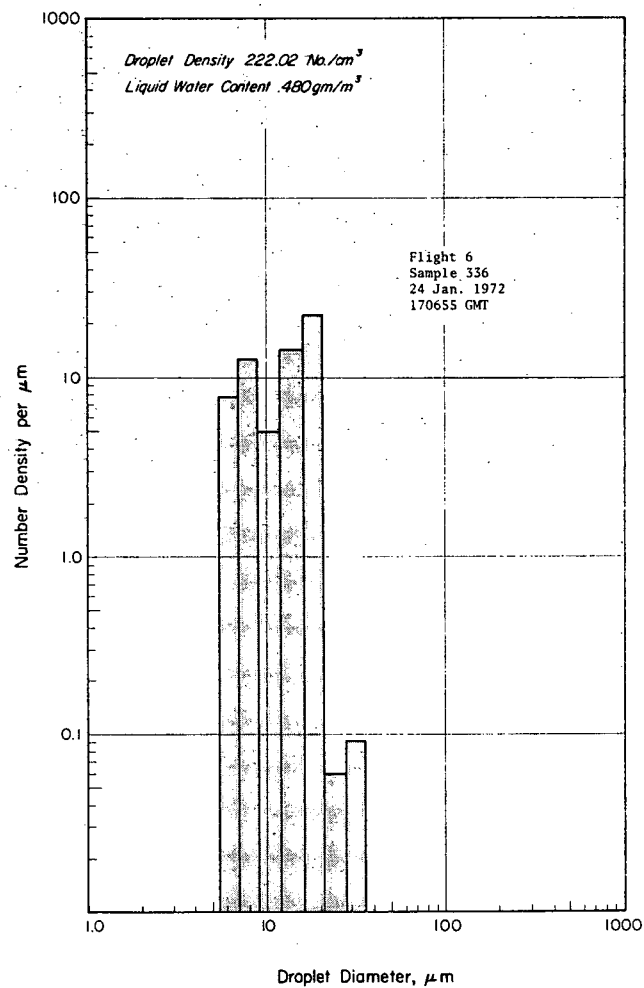
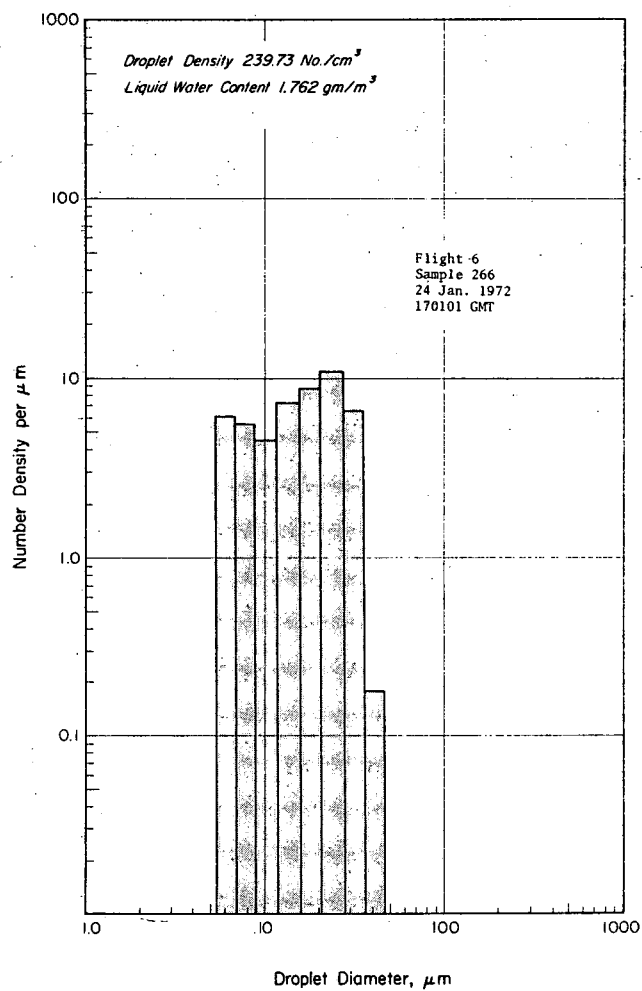


Figure 13 Continued

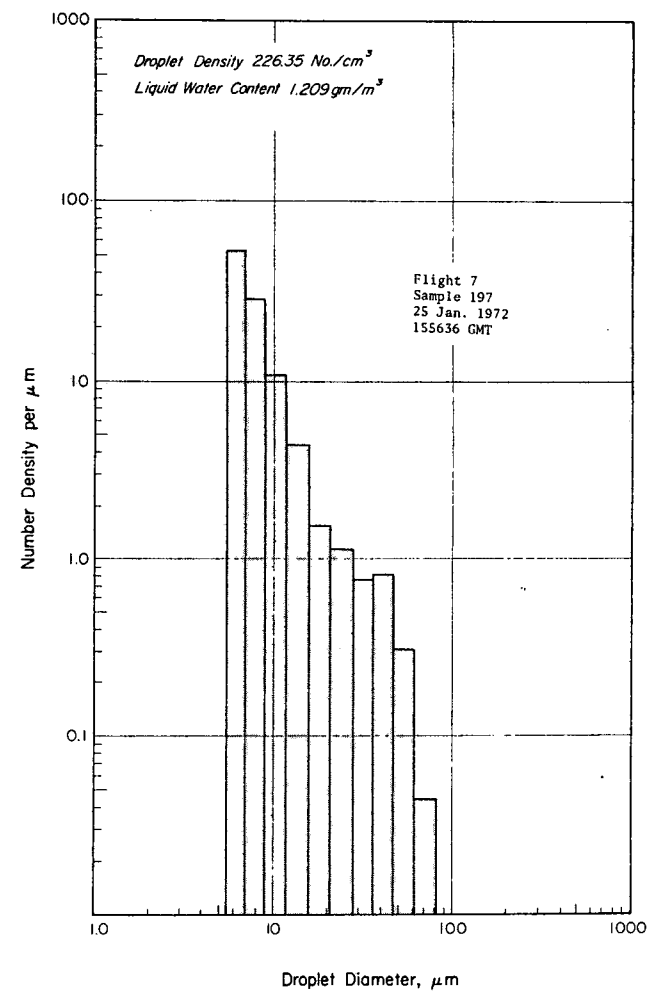
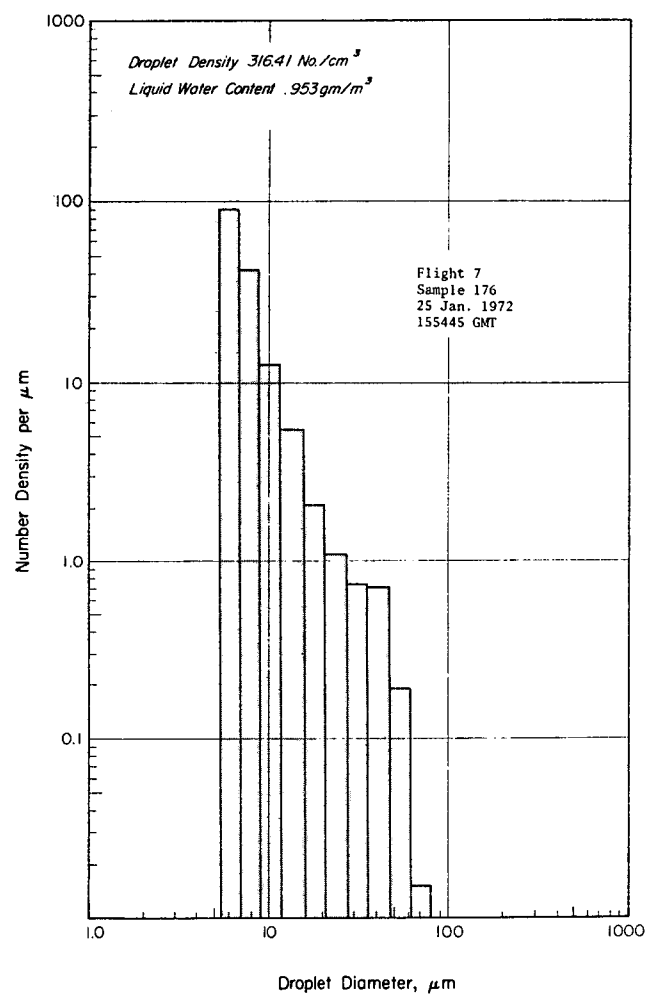
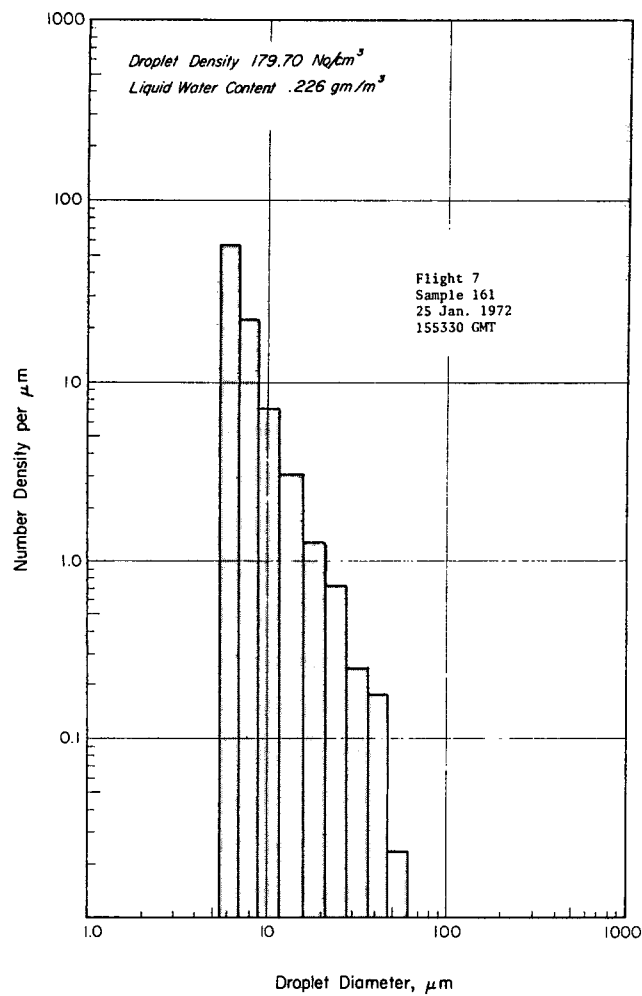


Figure 14 Droplet Size Distributions for Stratocumulus



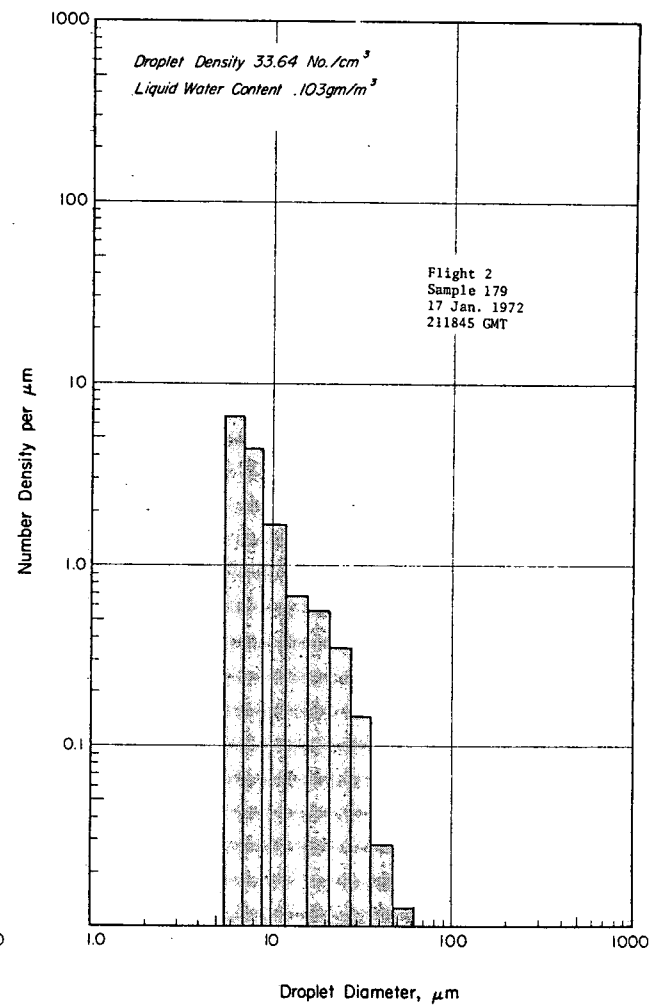
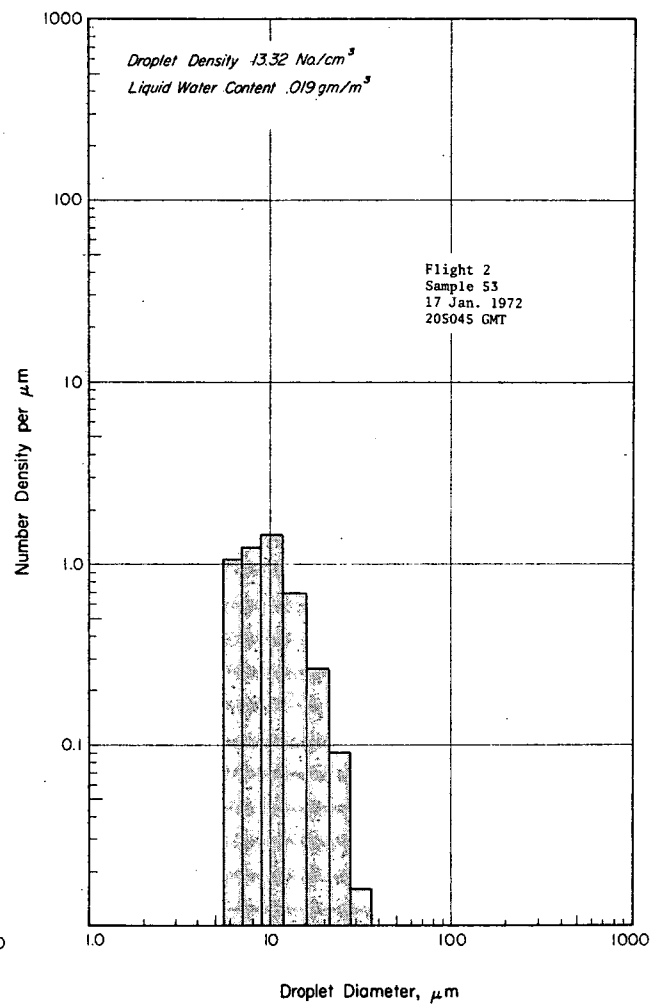
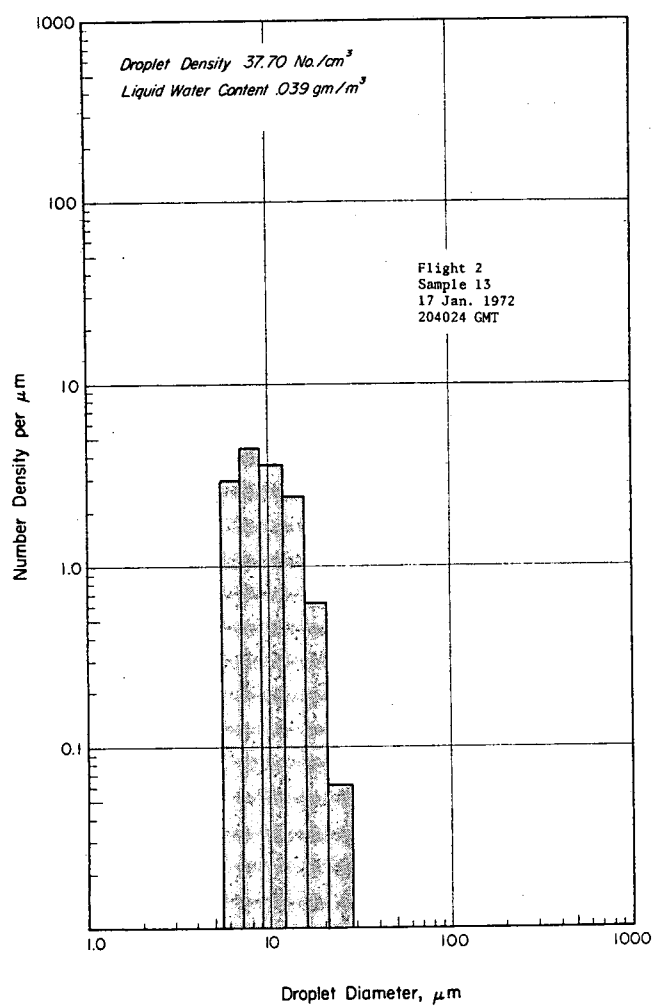


Figure 15 Droplet Size Distributions for Altostratus

The droplet spectra in Figure 16 may not accurately represent the composition of cirrus. These clouds are formed entirely of ice crystals whose scattering properties are not understood; thus the size measurements made by the spectrometer are expressed in "equivalent water droplet diameters." Due to this problem, only the shape of the distributions can be regarded as characteristic of ice crystal clouds.

Despite the inaccurate sizing, the total crystal count is correct. The values are very low, with a maximum density of 10 crystals per  $\text{cm}^3$ ; these contrast sharply with densities found for the other cloud types.

The contrail distribution (Figure 17) is of interest in that represents a fairly new vapor trail (approximately 1 minute old) and thus shows the initial spectra formed when aircraft exhaust is injected into the atmosphere. The droplet concentration is more than an order of magnitude greater than any concentration found for cirrus, while the distribution is extremely narrow. Most particles are less than 10  $\mu\text{m}$  in diameter, and very few have sizes larger than 20  $\mu\text{m}$ . This pattern contrasts sharply with the broad spectra that characterize cirrus; in fact it is unlike most of the natural clouds encountered. The contrail is also interesting in that the spectra vary only a small amount from sample to sample; perhaps, as the contrail ages, differences in microstructure might appear.

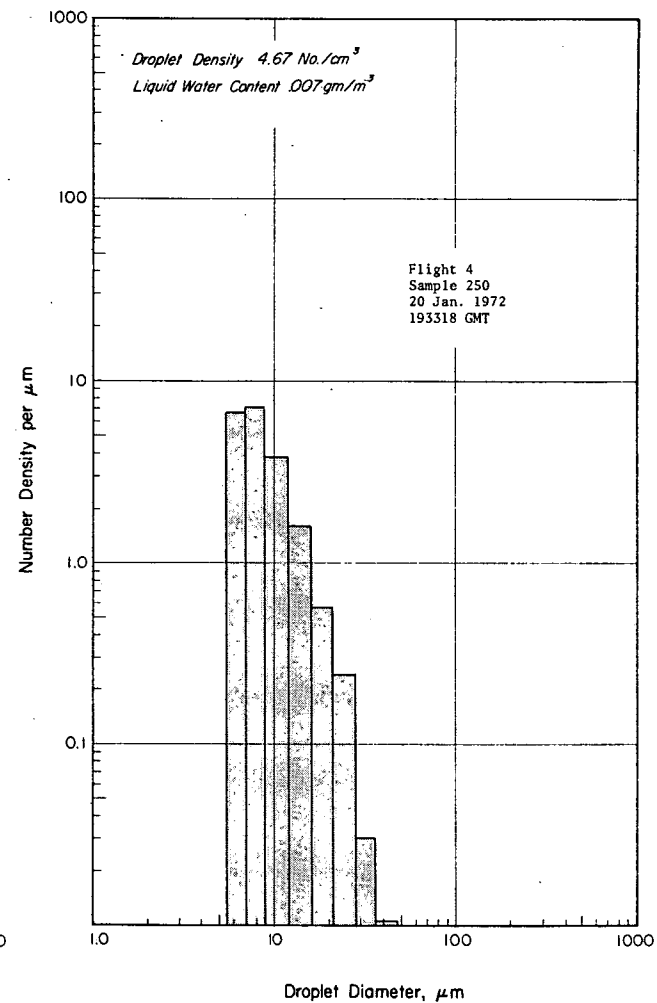
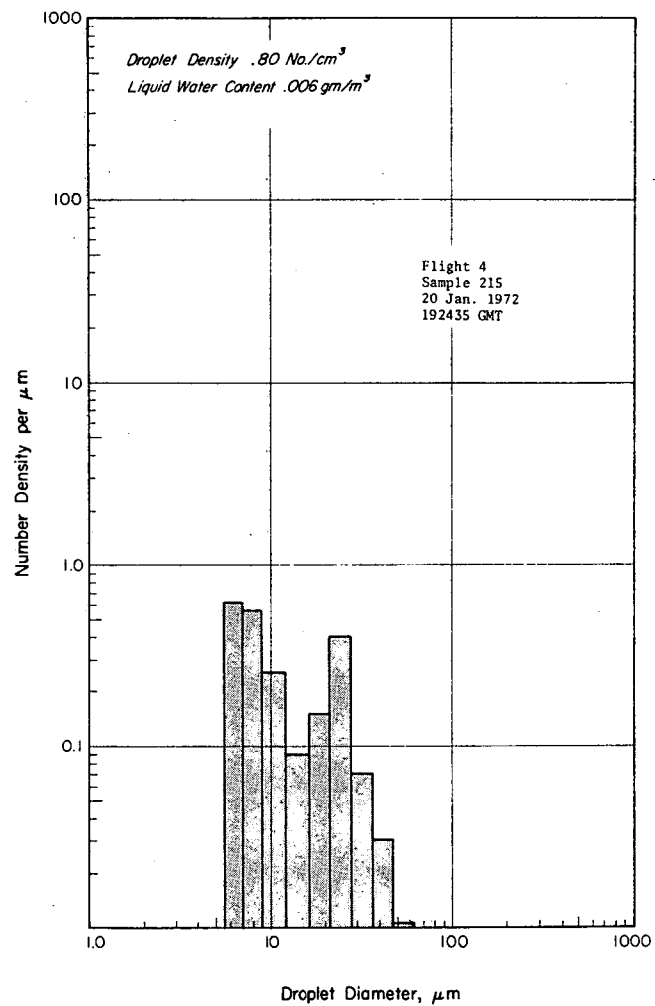
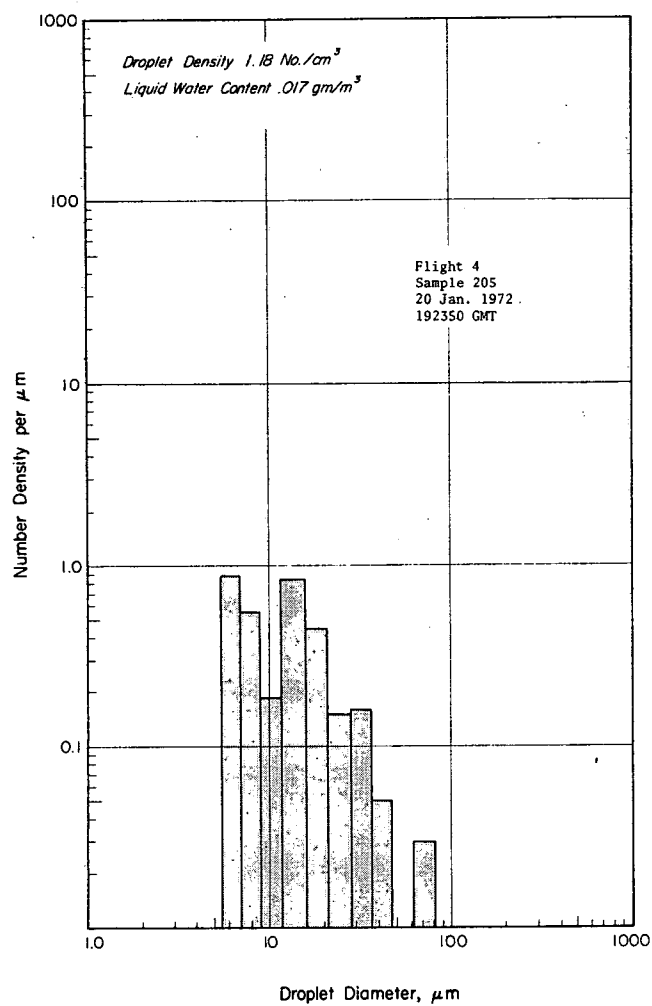


Figure 16 Droplet Size Distributions for Cirrus

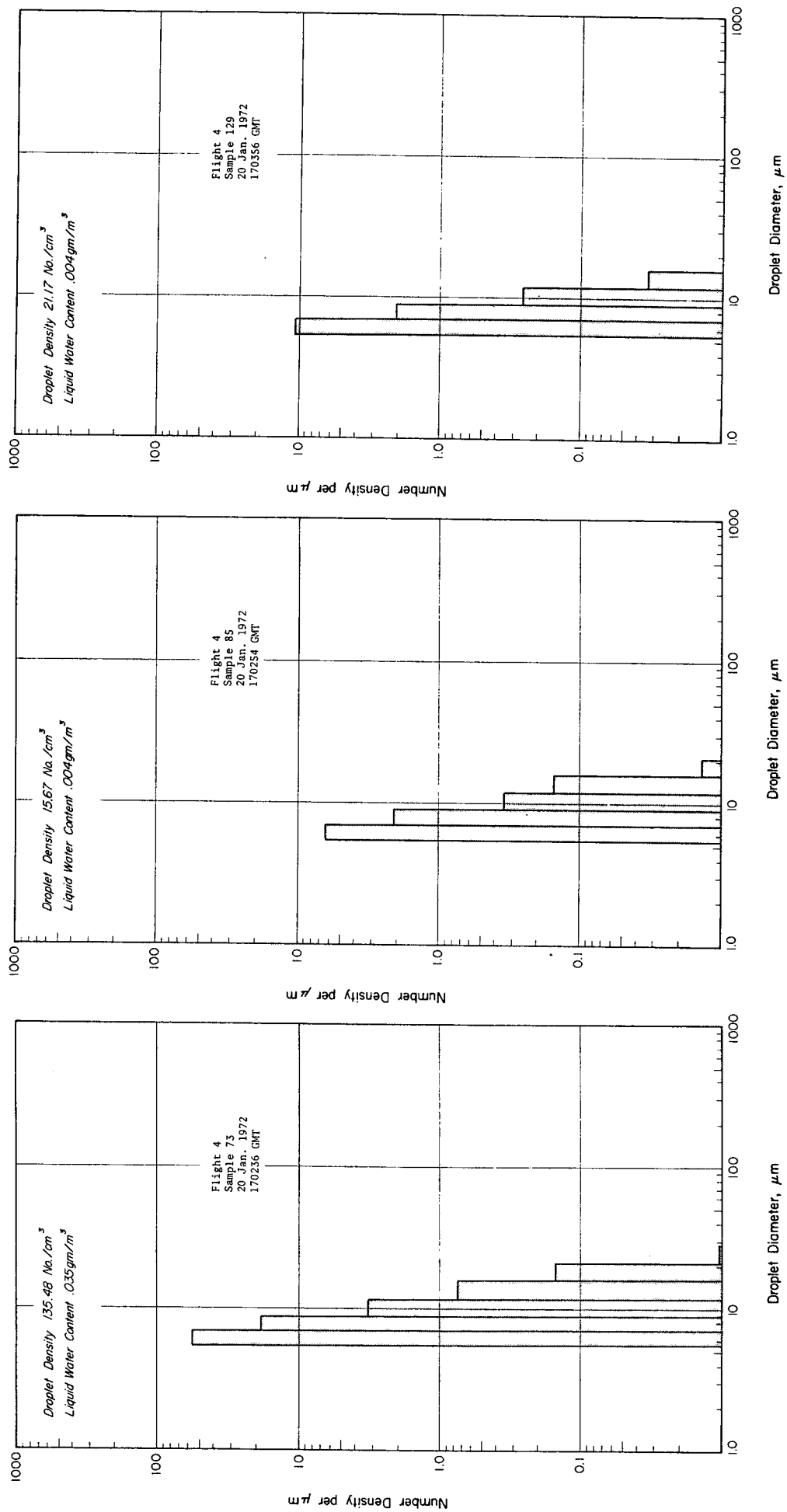


Figure 17 Droplet Size Distributions for a Contrail Generated by a Boeing 727

#### 4. REFERENCES

- Fletcher, N.H., 1966: The Physics of Rainclouds, Cambridge University Press, London.
- Khrgian, A., Kh, ed., 1961: Cloud Physics, Gidrometeorologicheskoe Izdatel'stvo, Leningrad. Israel Program for Scientific Translation, Jerusalem, 1963.
- Ryan, R.T., H.H. Blau, Jr., P.C. von Thuna, M.L. Cohen, and G.D. Roberts, 1972: "Cloud Microstructure as Determined by an Optical Cloud Particle Spectrometer," Journal of Applied Meteorology, 11, 149-156.

## APPENDIX

This section contains all of the data that were collected and reduced during this study. Over 2000 samples are included. The format of the data was discussed in the text in Section 2 with an explanation of the computations involved.

To aid the reader in interpreting the data, a brief summary of the flights, with the cloud types encountered, is presented below. All times given are in Greenwich Mean Time (GMT); these correspond to the times given with the samples. There are some discrepancies between the altitudes in the flight summaries and those in the samples; the first are estimates made by an observer on board the aircraft, the second are instrument measurements made to the nearest 1000 ft. As was mentioned in the text, all cloud descriptions are very general; this should be remembered in any interpretation of the droplet distributions.

FLIGHT 1 13 JANUARY 1972

MOFFETT FIELD, CALIFORNIA, PACIFIC OCEAN, MOFFETT FIELD, CALIFORNIA

(Samples)	Times: Hour:Minute:Second	Summary of Flight
<u>(1-127)</u>	<u>20:25:11 - 20:49:01</u>	<u>Altostratus</u>
(1-75)	20:24:11 - 20:32:54	Skimming tops of altostratus
(76-108)	20:34:48 - 20:37:29	Descent of 152 m (500 ft) into altostratus to 5.2 km (17,000 ft) and return to original level
(109-127)	20:47:30 - 20:49:01	Level flight through altostratus at 4.9 km (16,000 ft)
<u>(128-244)</u>	<u>20:14:56 - 22:22:00</u>	<u>Stratus</u>
		Tops at 762 m (2,500 ft) and bases from 549 m (1,800 ft) to 620 m (2,000 ft)
(128-231)	22:14:56 - 22:20:55	Flight through tops of stratus then descent to base
(232-244)	22:21:00 - 22:22:00	Ascent through stratus

FLIGHT 2 17 JANUARY 1972

MOFFETT FIELD, CALIFORNIA, PACIFIC OCEAN, MOFFETT FIELD, CALIFORNIA

(Samples)	Times: Hour:Minute:Second	Summary of Flight
<u>(1-98)</u>	<u>20:39:55 - 20:59:45</u>	<u>Multilayered Stratiform System</u> Long, gradual descent through entire system from 7.6 km to .3 km
(1-24)	20:39:55 - 20:40:50	Very thin altostratus
(25-43)	20:42:45 - 20:43:55	Thin wispy altostratus
(44-56)	20:50:00 - 20:51:00	Thin cirrus or thin altostratus No precipitation noted
(57-74)	20:54:45 - 20:56:00	Thin altostratus No turbulence noted
(75-98)	20:58:00 - 20:59:40	Stratus layer with top at 1.2 km (4,000 ft)
	20:59:45	In clear air below base of stratus
<u>(99-187)</u>	<u>21:02:40 - 21:19:10</u>	<u>Multilayered Stratiform System</u>
(99-110)	21:02:40 - 21:03:30	Ascent through low level stratus deck
(111-164)	21:10:00 - 21:13:30	Ascent through middle level cloud system Some areas of thick cloud with precipitation, and occasional slight turbulence
(165-187)	21:17:40 - 21:19:10	Penetration at 5.3 km (17,500 ft) through precipitation cell which seemed to be a convective element building up through the stratiform system. Precipitation appeared to be snow.



FLIGHT 3 18 JANUARY 1972

MOFFETT FIELD, CALIFORNIA, PACIFIC OCEAN, MOFFETT FIELD, CALIFORNIA

(Sample)	Times: Hour:Minute:Second	Summary of Flight
<u>(1-8)</u>	<u>18:44:00 - 18:44:25</u>	Ascent through <u>stratus</u> deck during takeoff
<u>(9-16)</u>	<u>18:54:50 - 18:54:56</u>	(Unknown)
<u>(17-38)</u>	<u>19:21:30 - 19:23:50</u>	Flight through <u>cirrus</u> with occasional thick patches encountered
<u>(39-145)</u>	<u>20:50:00 - 21:01:50</u>	<u>Stratus</u>
(39-89)	20:50:00 - 20:53:43	Descent through low level stratus at an altitude of 914 km (3,000 ft) Cloud base at 244 m (800 ft)
(90-123)	20:55:10 - 20:57:01	Skimming bases of stratus Very light precipitation
(124-145)	21:00:30 - 21:01:50	Ascent through stratus north of San Francisco over Pacific
<u>(146-171)</u>	<u>21:14:09 - 21:16:01</u>	Gradual descent through thin <u>stratus</u> over land prior to landing

FLIGHT 4 20 JANUARY 1972

MOFFETT FIELD, CALIFORNIA TO MIAMI, FLORIDA

(Sample)	Times: Hour:Minute:Second	Summary of Flight
<u>(1-162)</u>	<u>17:00:45 - 17:05:00</u>	<u>Contrail</u> Generated by Boeing 727, 8-12 miles in front of Convair. Contrail in clear air several thousand feet above cirrus with top of cirrus at 9.1 km (30, 000 ft)
<u>(163-392)</u>	<u>19:20:40 - 19:45:30</u>	<u>Cirrus</u>
(163-222)	19:20:40 - 19:25:05	Skimming cirrus tops at 12.5 km (41,000 ft) Some thick patches, at one point a 22° halo was visible around the sun Indication of hexagonal crystals at 19:25:05
(223-392)	19:31:00 - 19:45:30	Slow descent through cirrus layer.
<u>(393-404)</u>	<u>20:39:30 - 20:40:00</u>	Pass through small scattered <u>cumulus</u> during descent into Miami

FLIGHT 5 21 JANUARY 1972

MIAMI, FLORIDA TO PIARCO AIRPORT, TRINIDAD

(Sample)	Times: Hour:Minutes:Second	Summary of Flight
<u>(1-32)</u>	15:30:30 - 15:33:15	Pass through <u>cirrus</u> at 10.7 km (35,000 ft)
(33-52)	17:13:25 - 17:15:00	Pass through bases of <u>cirrus</u> , slight turbulence noted
<u>(53-146)</u>	<u>17:49:58 - 18:09:49</u>	<u>Cirrus</u>
(53-65)	17:50:00 - 17:51:00	Pass through cirrus at 11.3 km (37,000 ft)
(66-74)	17:54:30 - 17:55:20	Skimming edges of cirrus
(75-90)	17:56:05 - 17:57:22	Skimming edges of cirrus
(91-146)	18:05:00 - 18:09:49	Gradual descent through cirrus layer with base of 12.5 km (41,000 ft)
<u>(147-257)</u>	<u>18:56:03 - 19:05:30</u>	<u>Cirrus</u> Gradual descent from 12.5 km (41,000 ft) through unusually thick cirrus layer. Thickness reported as 3 km (10,000 ft) with base at 9.4 km (31,000 ft) 22° halo visible around sun at beginning of descent
<u>(258-301)</u>	<u>19:09:45 - 19:13:00</u>	Descent, then ascent through shallow <u>altocumulus</u> layer
<u>(302-375)</u>	<u>19:22:12 - 19:30:31</u>	Gradual ascent through <u>cirrus</u> layer beginning at base at 19:22:12
<u>(376-405)</u>	<u>20:11:20 - 20:13:00</u>	Pass through several <u>cumulus</u> during approach to Trinidad

FLIGHT 6 24 JANUARY 1972

PIARCO AIRPORT, TRINIDAD, ATLANTIC OCEAN

(Samples)	Times: Hour:Minute:Second	Summary of Flight
<u>(1-120)</u>	<u>14:16:45 - 15:47:30</u>	<u>Cirrus</u> High altitude flight with occasional readings
(1-7)	14:16:45 - 14:17:20	Cirrus
(8-29)	14:40:00 - 14:41:17	Thick patch of cirrus
(30-36)	15:14:15 - 15:14:46	Thick patch of cirrus
(37-55)	15:32:55 - 15:34:31	Area of thick cirrus
(56-120)	15:42:00 - 15:47:32	Area of thick cirrus
<u>(121-195)</u>	<u>16:11:25 - 16:18:56</u>	<u>Cirrus</u> Tops at 13.1 km (43,000 ft), bases at 9.1 km (30,000 ft) Several distinct layers of cirrus rather than one solid cloud.
(121-174)	16:11:25 - 16:15:15	Profile through cirrus layer began just under cirrus tops
(175-195)	16:17:20 - 16:18:56	Pass through another thin area of cirrus
<u>(196-209)</u>	<u>16:23:55 - 16:25:00</u>	Descent through <u>stratus</u> deck or <u>strato-cumulus</u> area with <u>poorly defined bases</u> Clouds several hundred feet thick, might be tropical stratus
<u>(210-487)</u>	<u>16:56:45 - 17:10:30</u>	<u>Cumulus System</u> Repeated passes through a line of convective cells, some of which might be cumulonimbus
(210-226)	16:56:45 - 16:57:12	Pass through the tops of the cumulus cells
(227-319)	17:00:12 - 17:02:13	Penetration through the center of the line of cumulus cells. Heavy precipitation noted at several points, and clouds were very wet inside.
(320-487)	17:06:35 - 17:10:30	Pass through bases of cells with heavy precipitation encountered several times

FLIGHT 7 25 JANUARY 1972

PIARCO AIRPORT, TRINIDAD, ATLANTIC OCEAN, PIARCO AIRPORT, TRINIDAD

(Samples)	Times: Hour:Minute:Second	Summary of Flight
<u>(1-6)</u>	<u>14:26:05 - 14:26:35</u>	Pass through edges of <u>cumulus</u> during takeoff from Trinidad
<u>(7-268)</u>	<u>15:36:15 - 16:05:40</u>	<u>Stratocumulus System</u> A long line of large convective elements with many dense clouds and heavy precipitation. Some tops at 6.1 km (20,000 ft) with a mean top at 4.6 km (15,000 ft), bases 61 m (200 ft) to 152 m (500 ft) above sea level
(7-65)	15:36:15 - 15:43:45	Flight through the tops of the system with conditions varying from dense clouds and heavy precipitation to clear air
(66-212)	15:45:40 - 15:57:50	Descent through the system with very thick clouds and heavy precipitation alternating with clear air
	16:00:05 - 16:00:30	Penetration of very ragged bases at 61 m (200 ft) to 152 m (500 ft)
(213-268)	16:02:30 - 16:05:40	Ascent back through stratocumulus system with very heavy precipitation Run ended with penetration of cloud tops near 5.2 km (17,000 ft) to 5.8 km (19,000 ft)
<u>(269-304)</u>	<u>18:24:00 - 18:25:50</u>	<u>Cumulus</u> Penetration during approach to Trinidad
(269-275)	18:24:00 - 18:24:15	Small cumulus over water
(276-304)	18:24:23 - 18:25:50	Very dense cumulus with precipitation and turbulence
<u>(305-326)</u>	<u>18:29:53 - 19:32:30</u>	<u>Rain Shafts</u>
(305-310)	18:29:53 - 18:30:20	Penetration of rain shaft below cloud base Cloud base very ragged and apparently at 914 m (3,000 ft) with the fog base at 549 m (1,800 ft)
(311-326)	18:31:15 - 18:32:30	New rain shaft, very light in intensity

FLIGHT 8 27 JANUARY 1972

PIARCO AIRPORT, TRINIDAD TO BELEM, BRAZIL

(Samples)	Times: Hour:Minute:Second	Summary of Flight
<u>(1-72)</u>	<u>16:25:00 - 16:31:03</u>	Profile through <u>cirrus</u> layer at 12.2 km (40,000 ft)
<u>(72-122)</u>	<u>16:40:40 - 16:45:01</u>	Profile through very thick <u>cirrus</u> or <u>cirrostratus</u> with tops about 12.2 km (40,000 ft) and bases around 7.6 km (25,000 ft) made just prior to landing in Belem, Brazil

## FLIGHT 1

FLIGHT NUMBER 001 1  
DATE 13 JAN 1972  
TIME 20 25 11  
COUNTER NUMBER 3215

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 31.07  
LIQ. WATER CONTENT (GM/M\*\*3) .093

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.886
7.0 - 9.0	1.850
9.0 - 12.0	1.129
12.0 - 16.0	1.529
16.0 - 21.0	2.257
21.0 - 28.0	.700
28.0 - 36.0	.045
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 2  
DATE 13 JAN 1972  
TIME 20 25 17  
COUNTER NUMBER 3223

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 1142.9  
NUMBER DENSITY (NO/CM\*\*3) 51.87  
LIQ. WATER CONTENT (GM/M\*\*3) .070

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.048
7.0 - 9.0	2.764
9.0 - 12.0	4.014
12.0 - 16.0	4.896
16.0 - 21.0	1.606
21.0 - 28.0	.088
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 3  
DATE 13 JAN 1972  
TIME 20 25 20  
COUNTER NUMBER 3227

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 571.4  
NUMBER DENSITY (NO/CM\*\*3) 35.57  
LIQ. WATER CONTENT (GM/M\*\*3) .035

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.581
7.0 - 9.0	3.257
9.0 - 12.0	3.552
12.0 - 16.0	3.011
16.0 - 21.0	.480
21.0 - 28.0	.012
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 4  
DATE 13 JAN 1972  
TIME 20 25 29  
COUNTER NUMBER 3234

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 1714.3  
NUMBER DENSITY (NO/CM\*\*3) 45.23  
LIQ. WATER CONTENT (GM/M\*\*3) .103

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.410
7.0 - 9.0	1.629
9.0 - 12.0	1.843
12.0 - 16.0	2.979
16.0 - 21.0	3.623
21.0 - 28.0	.400
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 5  
DATE 13 JAN 1972  
TIME 20 25 37  
COUNTER NUMBER 3240

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 1523.8  
NUMBER DENSITY (NO/CM\*\*3) 52.59  
LIQ. WATER CONTENT (GM/M\*\*3) .126

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.076
7.0 - 9.0	2.407
9.0 - 12.0	1.948
12.0 - 16.0	3.625
16.0 - 21.0	4.009
21.0 - 28.0	.586
28.0 - 36.0	.021
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 6  
DATE 13 JAN 1972  
TIME 20 25 44  
COUNTER NUMBER 3246

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 1333.3  
NUMBER DENSITY (NO/CM\*\*3) 50.71  
LIQ. WATER CONTENT (GM/M\*\*3) .134

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.905
7.0 - 9.0	2.407
9.0 - 12.0	1.514
12.0 - 16.0	3.682
16.0 - 21.0	3.551
21.0 - 28.0	.796
28.0 - 36.0	.055
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 7  
DATE 13 JAN 1972  
TIME 20 25 46  
COUNTER NUMBER 3248

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 381.0  
NUMBER DENSITY (NO/CM\*\*3) 53.54  
LIQ. WATER CONTENT (GM/M\*\*3) .112

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.733
7.0 - 9.0	.957
9.0 - 12.0	2.886
12.0 - 16.0	5.021
16.0 - 21.0	3.151
21.0 - 28.0	.408
28.0 - 36.0	.021
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 8  
DATE 13 JAN 1972  
TIME 20 25 55  
COUNTER NUMBER 3254

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 1714.3  
NUMBER DENSITY (NO/CM\*\*3) 53.30  
LIQ. WATER CONTENT (GM/M\*\*3) .160

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.810
7.0 - 9.0	2.857
9.0 - 12.0	1.857
12.0 - 16.0	3.157
16.0 - 21.0	3.337
21.0 - 28.0	1.345
28.0 - 36.0	.071
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 9  
DATE 13 JAN 1972  
TIME 20 26 0  
COUNTER NUMBER 3259

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 55.33  
LIQ. WATER CONTENT (GM/M\*\*3) .125

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.781
7.0 - 9.0	2.464
9.0 - 12.0	2.395
12.0 - 16.0	3.661
16.0 - 21.0	4.303
21.0 - 28.0	.471
28.0 - 36.0	.011
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 10  
DATE 13 JAN 1972  
TIME 20 26 7  
COUNTER NUMBER 3265

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 1333.3  
NUMBER DENSITY (NO/CM\*\*3) 53.50  
LIQ. WATER CONTENT (GM/M\*\*3) .127

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.029
7.0 - 9.0	2.164
9.0 - 12.0	1.190
12.0 - 16.0	3.871
16.0 - 21.0	4.429
21.0 - 28.0	.459
28.0 - 36.0	.027
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 11  
DATE 13 JAN 1972  
TIME 20 26 16  
COUNTER NUMBER 3272

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 1714.3  
NUMBER DENSITY (NO/CM\*\*3) 19.09  
LIQ. WATER CONTENT (GM/M\*\*3) .061

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.438
7.0 - 9.0	1.357
9.0 - 12.0	.919
12.0 - 16.0	.700
16.0 - 21.0	1.194
21.0 - 28.0	.561
28.0 - 36.0	.032
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 12  
DATE 13 JAN 1972  
TIME 20 26 22  
COUNTER NUMBER 3277

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 1142.9  
NUMBER DENSITY (NO/CM\*\*3) 24.96  
LIQ. WATER CONTENT (GM/M\*\*3) .091

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.248
7.0 - 9.0	.664
9.0 - 12.0	.443
12.0 - 16.0	.993
16.0 - 21.0	1.946
21.0 - 28.0	.943
28.0 - 36.0	.016
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 20 26 24 COUNTER NUMBER 3279	13	FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 20 26 28 COUNTER NUMBER 3282	14	FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 20 26 29 COUNTER NUMBER 3283	15
AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	5.2 190.5 999.9	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	5.2 190.5 999.9	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	5.2 190.5 999.9
SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	70.0 381.0 23.31 .106	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	70.0 761.9 2.91 .013	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	70.0 190.5 3.93 .016
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	.200 .914 .357 .814 1.489 1.276 .061 0.000 0.000 0.000 0.000	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	.029 .150 0.000 .089 .203 .165 .005 0.000 0.000 0.000 0.000	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	.114 .243 .029 .164 .231 .190 .005 0.000 0.000 0.000 0.000
FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 20 26 30 COUNTER NUMBER 3284	16	FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 20 26 50 COUNTER NUMBER 3305	17	FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 20 26 55 COUNTER NUMBER 3305	18
AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	5.2 190.5 999.9	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	5.2 190.5 999.9	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	5.2 190.5 999.9
SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	70.0 190.5 0.00 0.000	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	70.0 3809.5 0.00 0.000	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	70.0 952.4 .99 .002
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	.086 .107 .029 .064 .034 .018 0.000 0.000 0.000 0.000 0.000
FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 20 26 58 COUNTER NUMBER 3307	19	FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 20 27 0 COUNTER NUMBER 3309	20	FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 20 27 5 COUNTER NUMBER 3313	21
AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	5.2 190.5 999.9	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	5.2 190.5 999.9	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	5.2 190.5 999.9
SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	70.0 571.4 19.64 .069	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	70.0 381.0 60.81 .221	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	70.0 952.4 53.86 .241
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	1.067 .536 .443 .757 1.580 .655 .016 0.000 0.000 0.000 0.000	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	3.057 2.607 1.248 2.911 5.471 2.014 .021 0.000 0.000 0.000 0.000	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	1.667 2.321 .652 1.529 3.480 2.869 .145 0.000 0.000 0.000 0.000
FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 20 27 13 COUNTER NUMBER 3319	22	FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 20 27 20 COUNTER NUMBER 3325	23	FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 20 27 23 COUNTER NUMBER 3327	24
AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	5.2 190.5 999.9	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	5.2 190.5 999.9	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	5.2 190.5 999.9
SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	70.0 1523.8 26.31 .123	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	70.0 1333.3 60.26 .202	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	70.0 571.4 49.16 .201
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	.914 .864 .548 .736 1.417 1.561 .077 0.000 0.000 0.000 0.000	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	2.343 3.079 .952 2.532 4.837 1.880 .032 0.000 0.000 0.000 0.000	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	1.990 1.786 1.024 1.204 3.463 2.455 .027 0.000 0.000 0.000 0.000

FLIGHT NUMBER 001 25  
DATE 13 JAN 1972  
TIME 20 27 28  
COUNTER NUMBER 3332

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 29.70  
LIQ. WATER CONTENT (GM/M\*\*3) .110

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.695
7.0 - 9.0	1.271
9.0 - 12.0	.681
12.0 - 16.0	1.082
16.0 - 21.0	1.811
21.0 - 28.0	1.282
28.0 - 36.0	.027
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 26  
DATE 13 JAN 1972  
TIME 20 27 32  
COUNTER NUMBER 3335

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 761.9  
NUMBER DENSITY (NO/CM\*\*3) 34.83  
LIQ. WATER CONTENT (GM/M\*\*3) .112

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.390
7.0 - 9.0	1.786
9.0 - 12.0	.729
12.0 - 16.0	1.204
16.0 - 21.0	3.034
21.0 - 28.0	1.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 27  
DATE 13 JAN 1972  
TIME 20 27 36  
COUNTER NUMBER 3339

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 761.9  
NUMBER DENSITY (NO/CM\*\*3) 14.03  
LIQ. WATER CONTENT (GM/M\*\*3) .046

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.676
7.0 - 9.0	.800
9.0 - 12.0	.476
12.0 - 16.0	.546
16.0 - 21.0	.866
21.0 - 28.0	.484
28.0 - 36.0	.011
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 28  
DATE 13 JAN 1972  
TIME 20 27 41  
COUNTER NUMBER 3343

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 11.83  
LIQ. WATER CONTENT (GM/M\*\*3) .046

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.352
7.0 - 9.0	.643
9.0 - 12.0	.267
12.0 - 16.0	.368
16.0 - 21.0	.774
21.0 - 28.0	.535
28.0 - 36.0	.016
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 29  
DATE 13 JAN 1972  
TIME 20 27 45  
COUNTER NUMBER 3346

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 761.9  
NUMBER DENSITY (NO/CM\*\*3) 46.97  
LIQ. WATER CONTENT (GM/M\*\*3) .209

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.838
7.0 - 9.0	1.914
9.0 - 12.0	.414
12.0 - 16.0	1.350
16.0 - 21.0	3.143
21.0 - 28.0	2.416
28.0 - 36.0	.139
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 30  
DATE 13 JAN 1972  
TIME 20 27 51  
COUNTER NUMBER 3351

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 1142.3  
NUMBER DENSITY (NO/CM\*\*3) 55.03  
LIQ. WATER CONTENT (GM/M\*\*3) .262

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.152
7.0 - 9.0	2.114
9.0 - 12.0	1.171
12.0 - 16.0	1.204
16.0 - 21.0	3.346
21.0 - 28.0	3.220
28.0 - 36.0	.184
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 31  
DATE 13 JAN 1972  
TIME 20 28 0  
COUNTER NUMBER 3359

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 1714.3  
NUMBER DENSITY (NO/CM\*\*3) 48.26  
LIQ. WATER CONTENT (GM/M\*\*3) .207

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.095
7.0 - 9.0	2.764
9.0 - 12.0	.386
12.0 - 16.0	1.146
16.0 - 21.0	3.500
21.0 - 28.0	2.473
28.0 - 36.0	.066
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 32  
DATE 13 JAN 1972  
TIME 20 28 3  
COUNTER NUMBER 3361

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 571.4  
NUMBER DENSITY (NO/CM\*\*3) 44.90  
LIQ. WATER CONTENT (GM/M\*\*3) .176

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.552
7.0 - 9.0	1.336
9.0 - 12.0	1.071
12.0 - 16.0	1.450
16.0 - 21.0	2.846
21.0 - 28.0	2.122
28.0 - 36.0	.037
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 33  
DATE 13 JAN 1972  
TIME 20 28 10  
COUNTER NUMBER 3367

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 1332.3  
NUMBER DENSITY (NO/CM\*\*3) 54.66  
LIQ. WATER CONTENT (GM/M\*\*3) .196

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.600
7.0 - 9.0	3.057
9.0 - 12.0	1.262
12.0 - 16.0	1.729
16.0 - 21.0	4.223
21.0 - 28.0	1.990
28.0 - 36.0	.050
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 34  
DATE 13 JAN 1972  
TIME 20 28 15  
COUNTER NUMBER 3371

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 44.26  
LIQ. WATER CONTENT (GM/M\*\*3) .134

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.143
7.0 - 9.0	2.114
9.0 - 12.0	.952
12.0 - 16.0	1.696
16.0 - 21.0	3.971
21.0 - 28.0	1.045
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 35  
DATE 13 JAN 1972  
TIME 20 28 20  
COUNTER NUMBER 3375

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 48.89  
LIQ. WATER CONTENT (GM/M\*\*3) .174

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.962
7.0 - 9.0	2.586
9.0 - 12.0	.800
12.0 - 16.0	1.786
16.0 - 21.0	3.686
21.0 - 28.0	1.786
28.0 - 36.0	.037
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 36  
DATE 13 JAN 1972  
TIME 20 28 25  
COUNTER NUMBER 3379

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 55.13  
LIQ. WATER CONTENT (GM/M\*\*3) .179

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.105
7.0 - 9.0	3.279
9.0 - 12.0	.952
12.0 - 16.0	2.107
16.0 - 21.0	4.480
21.0 - 28.0	1.663
28.0 - 36.0	.011
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001	37	FLIGHT NUMBER 001	38	FLIGHT NUMBER 001	39
DATE 13 JAN 1972		DATE 13 JAN 1972		DATE 13 JAN 1972	
TIME 20 28 31		TIME 20 28 35		TIME 20 28 39	
COUNTER NUMBER 3384		COUNTER NUMBER 3388		COUNTER NUMBER 3391	
AIRCRAFT ALTITUDE (KM)	5.2	AIRCRAFT ALTITUDE (KM)	5.2	AIRCRAFT ALTITUDE (KM)	5.2
AIRCRAFT VELOCITY (M/S)	190.5	AIRCRAFT VELOCITY (M/S)	190.5	AIRCRAFT VELOCITY (M/S)	190.5
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	70.0	SAMPLED VOLUME (CM**3)	70.0	SAMPLED VOLUME (CM**3)	70.0
SAMPLE INTERVAL (M)	1142.9	SAMPLE INTERVAL (M)	761.9	SAMPLE INTERVAL (M)	761.9
NUMBER DENSITY (NO/CM**3)	29.23	NUMBER DENSITY (NO/CM**3)	50.46	NUMBER DENSITY (NO/CM**3)	3.89
LIQ. WATER CONTENT (GM/M**3)	.099	LIQ. WATER CONTENT (GM/M**3)	.168	LIQ. WATER CONTENT (GM/M**3)	.011
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	1.333	5.5 - 7.0	2.229	5.5 - 7.0	.267
7.0 - 9.0	1.579	7.0 - 9.0	3.236	7.0 - 9.0	.421
9.0 - 12.0	.310	9.0 - 12.0	.429	9.0 - 12.0	.219
12.0 - 16.0	1.282	12.0 - 16.0	1.918	12.0 - 16.0	.075
16.0 - 21.0	2.266	16.0 - 21.0	4.017	16.0 - 21.0	.214
21.0 - 28.0	.924	21.0 - 28.0	1.657	21.0 - 28.0	.069
28.0 - 36.0	.027	28.0 - 36.0	0.000	28.0 - 36.0	.016
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 001	40	FLIGHT NUMBER 001	41	FLIGHT NUMBER 001	42
DATE 13 JAN 1972		DATE 13 JAN 1972		DATE 13 JAN 1972	
TIME 20 28 40		TIME 20 28 48		TIME 20 28 50	
COUNTER NUMBER 3392		COUNTER NUMBER 3398		COUNTER NUMBER 3400	
AIRCRAFT ALTITUDE (KM)	5.2	AIRCRAFT ALTITUDE (KM)	5.2	AIRCRAFT ALTITUDE (KM)	5.2
AIRCRAFT VELOCITY (M/S)	190.5	AIRCRAFT VELOCITY (M/S)	190.5	AIRCRAFT VELOCITY (M/S)	190.5
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	70.0	SAMPLED VOLUME (CM**3)	70.0	SAMPLED VOLUME (CM**3)	70.0
SAMPLE INTERVAL (M)	190.5	SAMPLE INTERVAL (M)	1523.8	SAMPLE INTERVAL (M)	381.0
NUMBER DENSITY (NO/CM**3)	50.67	NUMBER DENSITY (NO/CM**3)	47.90	NUMBER DENSITY (NO/CM**3)	.39
LIQ. WATER CONTENT (GM/M**3)	.138	LIQ. WATER CONTENT (GM/M**3)	.179	LIQ. WATER CONTENT (GM/M**3)	.001
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	2.048	5.5 - 7.0	1.276	5.5 - 7.0	.029
7.0 - 9.0	3.036	7.0 - 9.0	2.807	7.0 - 9.0	.086
9.0 - 12.0	1.190	9.0 - 12.0	.933	9.0 - 12.0	.014
12.0 - 16.0	2.432	12.0 - 16.0	1.182	12.0 - 16.0	.021
16.0 - 21.0	4.526	16.0 - 21.0	3.803	16.0 - 21.0	0.000
21.0 - 28.0	.757	21.0 - 28.0	1.951	21.0 - 28.0	.006
28.0 - 36.0	.037	28.0 - 36.0	.021	28.0 - 36.0	0.000
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 001	43	FLIGHT NUMBER 001	44	FLIGHT NUMBER 001	45
DATE 13 JAN 1972		DATE 13 JAN 1972		DATE 13 JAN 1972	
TIME 20 28 51		TIME 20 28 55		TIME 20 28 56	
COUNTER NUMBER 3401		COUNTER NUMBER 3405		COUNTER NUMBER 3406	
AIRCRAFT ALTITUDE (KM)	5.2	AIRCRAFT ALTITUDE (KM)	5.2	AIRCRAFT ALTITUDE (KM)	5.2
AIRCRAFT VELOCITY (M/S)	190.5	AIRCRAFT VELOCITY (M/S)	190.5	AIRCRAFT VELOCITY (M/S)	190.5
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	70.0	SAMPLED VOLUME (CM**3)	70.0	SAMPLED VOLUME (CM**3)	70.0
SAMPLE INTERVAL (M)	190.5	SAMPLE INTERVAL (M)	761.9	SAMPLE INTERVAL (M)	190.5
NUMBER DENSITY (NO/CM**3)	18.34	NUMBER DENSITY (NO/CM**3)	12.39	NUMBER DENSITY (NO/CM**3)	.47
LIQ. WATER CONTENT (GM/M**3)	.042	LIQ. WATER CONTENT (GM/M**3)	.042	LIQ. WATER CONTENT (GM/M**3)	.001
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.886	5.5 - 7.0	.238	5.5 - 7.0	0.000
7.0 - 9.0	1.607	7.0 - 9.0	.757	7.0 - 9.0	.021
9.0 - 12.0	.295	9.0 - 12.0	.295	9.0 - 12.0	.071
12.0 - 16.0	1.057	12.0 - 16.0	.457	12.0 - 16.0	0.000
16.0 - 21.0	1.471	16.0 - 21.0	.980	16.0 - 21.0	.043
21.0 - 28.0	.190	21.0 - 28.0	.408	21.0 - 28.0	0.000
28.0 - 36.0	0.000	28.0 - 36.0	.005	28.0 - 36.0	0.000
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 001	46	FLIGHT NUMBER 001	47	FLIGHT NUMBER 001	48
DATE 13 JAN 1972		DATE 13 JAN 1972		DATE 13 JAN 1972	
TIME 20 28 59		TIME 20 29 1		TIME 20 30 37	
COUNTER NUMBER 3408		COUNTER NUMBER 3410		COUNTER NUMBER 3490	
AIRCRAFT ALTITUDE (KM)	5.2	AIRCRAFT ALTITUDE (KM)	5.2	AIRCRAFT ALTITUDE (KM)	5.2
AIRCRAFT VELOCITY (M/S)	190.5	AIRCRAFT VELOCITY (M/S)	190.5	AIRCRAFT VELOCITY (M/S)	190.5
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	70.0	SAMPLED VOLUME (CM**3)	70.0	SAMPLED VOLUME (CM**3)	70.0
SAMPLE INTERVAL (M)	571.4	SAMPLE INTERVAL (M)	381.0	SAMPLE INTERVAL (M)	0.0
NUMBER DENSITY (NO/CM**3)	14.29	NUMBER DENSITY (NO/CM**3)	.51	NUMBER DENSITY (NO/CM**3)	15.49
LIQ. WATER CONTENT (GM/M**3)	.052	LIQ. WATER CONTENT (GM/M**3)	.000	LIQ. WATER CONTENT (GM/M**3)	.055
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.857	5.5 - 7.0	.171	5.5 - 7.0	.648
7.0 - 9.0	.664	7.0 - 9.0	.043	7.0 - 9.0	.893
9.0 - 12.0	.238	9.0 - 12.0	.043	9.0 - 12.0	.414
12.0 - 16.0	.600	12.0 - 16.0	0.000	12.0 - 16.0	.668
16.0 - 21.0	.937	16.0 - 21.0	.009	16.0 - 21.0	.909
21.0 - 28.0	.510	21.0 - 28.0	0.000	21.0 - 28.0	.573
28.0 - 36.0	.037	28.0 - 36.0	0.000	28.0 - 36.0	0.000
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000

FLIGHT NUMBER 001 49  
DATE 13 JAN 1972  
TIME 20 30 40  
COUNTER NUMBER 3492

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 571.4  
NUMBER DENSITY (NO/CM\*\*3) 31.69  
LIQ. WATER CONTENT (GM/M\*\*3) .153

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.590
7.0 - 9.0	1.471
9.0 - 12.0	.800
12.0 - 16.0	.825
16.0 - 21.0	1.669
21.0 - 28.0	1.778
28.0 - 36.0	.171
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 50  
DATE 13 JAN 1972  
TIME 20 30 45  
COUNTER NUMBER 3496

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 15.83  
LIQ. WATER CONTENT (GM/M\*\*3) .062

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.676
7.0 - 9.0	.843
9.0 - 12.0	.295
12.0 - 16.0	.679
16.0 - 21.0	.917
21.0 - 28.0	.643
28.0 - 36.0	.055
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 51  
DATE 13 JAN 1972  
TIME 20 30 48  
COUNTER NUMBER 3499

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 571.4  
NUMBER DENSITY (NO/CM\*\*3) 3.39  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.143
7.0 - 9.0	.443
9.0 - 12.0	.057
12.0 - 16.0	.132
16.0 - 21.0	.160
21.0 - 28.0	.076
28.0 - 36.0	.032
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 52  
DATE 13 JAN 1972  
TIME 20 30 51  
COUNTER NUMBER 3501

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 571.4  
NUMBER DENSITY (NO/CM\*\*3) 2.63  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.143
7.0 - 9.0	.264
9.0 - 12.0	.148
12.0 - 16.0	.064
16.0 - 21.0	.131
21.0 - 28.0	.063
28.0 - 36.0	.011
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 53  
DATE 13 JAN 1972  
TIME 20 30 52  
COUNTER NUMBER 3502

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 190.5  
NUMBER DENSITY (NO/CM\*\*3) 30.06  
LIQ. WATER CONTENT (GM/M\*\*3) .102

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.676
7.0 - 9.0	1.379
9.0 - 12.0	1.429
12.0 - 16.0	1.650
16.0 - 21.0	1.643
21.0 - 28.0	.918
28.0 - 36.0	.095
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 54  
DATE 13 JAN 1972  
TIME 20 30 55  
COUNTER NUMBER 3505

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 571.4  
NUMBER DENSITY (NO/CM\*\*3) 56.60  
LIQ. WATER CONTENT (GM/M\*\*3) .116

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.971
7.0 - 9.0	3.257
9.0 - 12.0	2.424
12.0 - 16.0	4.271
16.0 - 21.0	3.660
21.0 - 28.0	.394
28.0 - 36.0	.027
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 55  
DATE 13 JAN 1972  
TIME 20 31 0  
COUNTER NUMBER 3509

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 46.56  
LIQ. WATER CONTENT (GM/M\*\*3) .125

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.171
7.0 - 9.0	2.029
9.0 - 12.0	1.857
12.0 - 16.0	2.643
16.0 - 21.0	3.391
21.0 - 28.0	.841
28.0 - 36.0	.032
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 56  
DATE 13 JAN 1972  
TIME 20 31 4  
COUNTER NUMBER 3513

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 761.9  
NUMBER DENSITY (NO/CM\*\*3) 28.03  
LIQ. WATER CONTENT (GM/M\*\*3) .071

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.143
7.0 - 9.0	1.157
9.0 - 12.0	.786
12.0 - 16.0	1.504
16.0 - 21.0	2.249
21.0 - 28.0	.400
28.0 - 36.0	.011
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 57  
DATE 13 JAN 1972  
TIME 20 31 10  
COUNTER NUMBER 3517

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 1142.9  
NUMBER DENSITY (NO/CM\*\*3) 14.49  
LIQ. WATER CONTENT (GM/M\*\*3) .024

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.667
7.0 - 9.0	1.336
9.0 - 12.0	.862
12.0 - 16.0	.893
16.0 - 21.0	.374
21.0 - 28.0	.178
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 58  
DATE 13 JAN 1972  
TIME 20 31 15  
COUNTER NUMBER 3521

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 34.60  
LIQ. WATER CONTENT (GM/M\*\*3) .055

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.838
7.0 - 9.0	2.321
9.0 - 12.0	2.481
12.0 - 16.0	2.979
16.0 - 21.0	1.366
21.0 - 28.0	.127
28.0 - 36.0	.016
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 59  
DATE 13 JAN 1972  
TIME 20 31 30  
COUNTER NUMBER 3534

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 2857.1  
NUMBER DENSITY (NO/CM\*\*3) 21.73  
LIQ. WATER CONTENT (GM/M\*\*3) .036

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.229
7.0 - 9.0	1.714
9.0 - 12.0	1.990
12.0 - 16.0	1.171
16.0 - 21.0	.489
21.0 - 28.0	.235
28.0 - 36.0	.027
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 60  
DATE 13 JAN 1972  
TIME 20 31 35  
COUNTER NUMBER 3538

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 34.07  
LIQ. WATER CONTENT (GM/M\*\*3) .021

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.238
7.0 - 9.0	5.243
9.0 - 12.0	4.895
12.0 - 16.0	.846
16.0 - 21.0	.097
21.0 - 28.0	.024
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER	001	61	FLIGHT NUMBER	001	62	FLIGHT NUMBER	001	63
DATE 13 JAN 1972			DATE 13 JAN 1972			DATE 13 JAN 1972		
TIME 20 31 39			TIME 20 31 45			TIME 20 31 50		
COUNTER NUMBER 3541			COUNTER NUMBER 3545			COUNTER NUMBER 3550		
AIRCRAFT ALTITUDE (KM)	5.2		AIRCRAFT ALTITUDE (KM)	5.2		AIRCRAFT ALTITUDE (KM)	5.2	
AIRCRAFT VELOCITY (M/S)	190.5		AIRCRAFT VELOCITY (M/S)	190.5		AIRCRAFT VELOCITY (M/S)	190.5	
AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9	
SAMPLED VOLUME (CM**3)	70.0		SAMPLED VOLUME (CM**3)	70.0		SAMPLED VOLUME (CM**3)	70.0	
SAMPLE INTERVAL (M)	761.9		SAMPLE INTERVAL (M)	1142.9		SAMPLE INTERVAL (M)	952.4	
NUMBER DENSITY (NO/CM**3)	31.77		NUMBER DENSITY (NO/CM**3)	1.24		NUMBER DENSITY (NO/CM**3)	37.69	
LIG. WATER CONTENT (GM/M**3)	.037		LIG. WATER CONTENT (GM/M**3)	.000		LIG. WATER CONTENT (GM/M**3)	.049	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	3.771		5.5 - 7.0	.476		5.5 - 7.0	2.171	
7.0 - 9.0	4.079		7.0 - 9.0	.179		7.0 - 9.0	4.643	
9.0 - 12.0	2.171		9.0 - 12.0	.043		9.0 - 12.0	3.376	
12.0 - 16.0	1.671		12.0 - 16.0	.011		12.0 - 16.0	2.475	
16.0 - 21.0	.757		16.0 - 21.0	0.000		16.0 - 21.0	.703	
21.0 - 28.0	.133		21.0 - 28.0	0.000		21.0 - 28.0	.204	
28.0 - 36.0	.005		28.0 - 36.0	0.000		28.0 - 36.0	.021	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	001	64	FLIGHT NUMBER	001	65	FLIGHT NUMBER	001	66
DATE 13 JAN 1972			DATE 13 JAN 1972			DATE 13 JAN 1972		
TIME 20 31 55			TIME 20 32 0			TIME 20 32 5		
COUNTER NUMBER 3554			COUNTER NUMBER 3559			COUNTER NUMBER 3563		
AIRCRAFT ALTITUDE (KM)	5.2		AIRCRAFT ALTITUDE (KM)	5.2		AIRCRAFT ALTITUDE (KM)	5.2	
AIRCRAFT VELOCITY (M/S)	190.5		AIRCRAFT VELOCITY (M/S)	190.5		AIRCRAFT VELOCITY (M/S)	190.5	
AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9	
SAMPLED VOLUME (CM**3)	70.0		SAMPLED VOLUME (CM**3)	70.0		SAMPLED VOLUME (CM**3)	70.0	
SAMPLE INTERVAL (M)	952.4		SAMPLE INTERVAL (M)	952.4		SAMPLE INTERVAL (M)	952.4	
NUMBER DENSITY (NO/CM**3)	36.69		NUMBER DENSITY (NO/CM**3)	28.09		NUMBER DENSITY (NO/CM**3)	36.20	
LIG. WATER CONTENT (GM/M**3)	.047		LIG. WATER CONTENT (GM/M**3)	.085		LIG. WATER CONTENT (GM/M**3)	.079	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	2.410		5.5 - 7.0	1.629		5.5 - 7.0	.886	
7.0 - 9.0	2.743		7.0 - 9.0	1.293		7.0 - 9.0	2.071	
9.0 - 12.0	3.076		9.0 - 12.0	1.310		9.0 - 12.0	2.081	
12.0 - 16.0	3.557		12.0 - 16.0	1.696		12.0 - 16.0	2.989	
16.0 - 21.0	.723		16.0 - 21.0	1.391		16.0 - 21.0	2.043	
21.0 - 28.0	.037		21.0 - 28.0	.655		21.0 - 28.0	.267	
28.0 - 36.0	.032		28.0 - 36.0	.100		28.0 - 36.0	.050	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	.004	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	001	67	FLIGHT NUMBER	001	68	FLIGHT NUMBER	001	69
DATE 13 JAN 1972			DATE 13 JAN 1972			DATE 13 JAN 1972		
TIME 20 32 11			TIME 20 32 16			TIME 20 32 23		
COUNTER NUMBER 3568			COUNTER NUMBER 3572			COUNTER NUMBER 8577		
AIRCRAFT ALTITUDE (KM)	5.2		AIRCRAFT ALTITUDE (KM)	5.2		AIRCRAFT ALTITUDE (KM)	5.2	
AIRCRAFT VELOCITY (M/S)	190.5		AIRCRAFT VELOCITY (M/S)	190.5		AIRCRAFT VELOCITY (M/S)	190.5	
AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9	
SAMPLED VOLUME (CM**3)	70.0		SAMPLED VOLUME (CM**3)	70.0		SAMPLED VOLUME (CM**3)	70.0	
SAMPLE INTERVAL (M)	1142.9		SAMPLE INTERVAL (M)	952.4		SAMPLE INTERVAL (M)	1333.3	
NUMBER DENSITY (NO/CM**3)	33.89		NUMBER DENSITY (NO/CM**3)	26.40		NUMBER DENSITY (NO/CM**3)	40.53	
LIG. WATER CONTENT (GM/M**3)	.041		LIG. WATER CONTENT (GM/M**3)	.058		LIG. WATER CONTENT (GM/M**3)	.089	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	2.229		5.5 - 7.0	1.990		5.5 - 7.0	1.752	
7.0 - 9.0	2.829		7.0 - 9.0	1.893		7.0 - 9.0	3.343	
9.0 - 12.0	3.300		9.0 - 12.0	2.143		9.0 - 12.0	2.424	
12.0 - 16.0	2.779		12.0 - 16.0	1.539		12.0 - 16.0	3.057	
16.0 - 21.0	.651		16.0 - 21.0	.723		16.0 - 21.0	1.409	
21.0 - 28.0	.076		21.0 - 28.0	.414		21.0 - 28.0	.580	
28.0 - 36.0	.011		28.0 - 36.0	.066		28.0 - 36.0	.077	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	001	70	FLIGHT NUMBER	001	71	FLIGHT NUMBER	001	72
DATE 13 JAN 1972			DATE 13 JAN 1972			DATE 13 JAN 1972		
TIME 20 32 27			TIME 20 32 33			TIME 20 32 38		
COUNTER NUMBER 3581			COUNTER NUMBER 3586			COUNTER NUMBER 3590		
AIRCRAFT ALTITUDE (KM)	5.2		AIRCRAFT ALTITUDE (KM)	5.2		AIRCRAFT ALTITUDE (KM)	5.2	
AIRCRAFT VELOCITY (M/S)	190.5		AIRCRAFT VELOCITY (M/S)	190.5		AIRCRAFT VELOCITY (M/S)	190.5	
AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9	
SAMPLED VOLUME (CM**3)	70.0		SAMPLED VOLUME (CM**3)	70.0		SAMPLED VOLUME (CM**3)	70.0	
SAMPLE INTERVAL (M)	761.9		SAMPLE INTERVAL (M)	1142.9		SAMPLE INTERVAL (M)	952.4	
NUMBER DENSITY (NO/CM**3)	40.44		NUMBER DENSITY (NO/CM**3)	38.97		NUMBER DENSITY (NO/CM**3)	44.27	
LIG. WATER CONTENT (GM/M**3)	.191		LIG. WATER CONTENT (GM/M**3)	.273		LIG. WATER CONTENT (GM/M**3)	.145	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.619		5.5 - 7.0	.505		5.5 - 7.0	1.095	
7.0 - 9.0	2.386		7.0 - 9.0	1.714		7.0 - 9.0	2.471	
9.0 - 12.0	1.248		9.0 - 12.0	.457		9.0 - 12.0	1.800	
12.0 - 16.0	1.304		12.0 - 16.0	.579		12.0 - 16.0	2.575	
16.0 - 21.0	2.169		16.0 - 21.0	1.374		16.0 - 21.0	2.631	
21.0 - 28.0	1.676		21.0 - 28.0	2.543		21.0 - 28.0	1.033	
28.0 - 36.0	.402		28.0 - 36.0	.804		28.0 - 36.0	.200	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	

FLIGHT NUMBER 001 73  
DATE 13 JAN 1972  
TIME 20 32 43  
COUNTER NUMBER 3594

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 24.16  
LIQ. WATER CONTENT (GM/M\*\*3) .092

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.810
7.0 - 9.0	1.093
9.0 - 12.0	.743
12.0 - 16.0	1.036
16.0 - 21.0	1.214
21.0 - 28.0	.796
28.0 - 36.0	.155
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 74  
DATE 13 JAN 1972  
TIME 20 32 49  
COUNTER NUMBER 8599

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 1142.9  
NUMBER DENSITY (NO/CM\*\*3) 33.93  
LIQ. WATER CONTENT (GM/M\*\*3) .164

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.124
7.0 - 9.0	2.207
9.0 - 12.0	1.324
12.0 - 16.0	.757
16.0 - 21.0	1.560
21.0 - 28.0	1.396
28.0 - 36.0	.407
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 75  
DATE 13 JAN 1972  
TIME 20 32 54  
COUNTER NUMBER 3603

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 7.59  
LIQ. WATER CONTENT (GM/M\*\*3) .020

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.533
7.0 - 9.0	.307
9.0 - 12.0	.057
12.0 - 16.0	.625
16.0 - 21.0	.560
21.0 - 28.0	.082
28.0 - 36.0	.016
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 76  
DATE 13 JAN 1972  
TIME 20 34 48  
COUNTER NUMBER 3671

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .26  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.114
7.0 - 9.0	.021
9.0 - 12.0	.014
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 77  
DATE 13 JAN 1972  
TIME 20 34 53  
COUNTER NUMBER 3675

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 43.44  
LIQ. WATER CONTENT (GM/M\*\*3) .039

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.410
7.0 - 9.0	4.729
9.0 - 12.0	5.429
12.0 - 16.0	3.046
16.0 - 21.0	.346
21.0 - 28.0	.024
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 78  
DATE 13 JAN 1972  
TIME 20 35 0  
COUNTER NUMBER 3681

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 1333.6  
NUMBER DENSITY (NO/CM\*\*3) 43.96  
LIQ. WATER CONTENT (GM/M\*\*3) .051

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.552
7.0 - 9.0	3.100
9.0 - 12.0	4.819
12.0 - 16.0	4.250
16.0 - 21.0	.274
21.0 - 28.0	.139
28.0 - 36.0	.016
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 79  
DATE 13 JAN 1972  
TIME 20 35 5  
COUNTER NUMBER 3685

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 37.01  
LIQ. WATER CONTENT (GM/M\*\*3) .066

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.600
7.0 - 9.0	1.964
9.0 - 12.0	3.643
12.0 - 16.0	3.493
16.0 - 21.0	.669
21.0 - 28.0	.241
28.0 - 36.0	.095
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 80  
DATE 13 JAN 1972  
TIME 20 35 10  
COUNTER NUMBER 3689

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 36.93  
LIQ. WATER CONTENT (GM/M\*\*3) .069

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.105
7.0 - 9.0	3.771
9.0 - 12.0	3.733
12.0 - 16.0	2.086
16.0 - 21.0	.723
21.0 - 28.0	.267
28.0 - 36.0	.150
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 81  
DATE 13 JAN 1972  
TIME 20 35 15  
COUNTER NUMBER 3693

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 43.63  
LIQ. WATER CONTENT (GM/M\*\*3) .092

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.676
7.0 - 9.0	1.514
9.0 - 12.0	1.829
12.0 - 16.0	3.993
16.0 - 21.0	2.517
21.0 - 28.0	.312
28.0 - 36.0	.045
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 82  
DATE 13 JAN 1972  
TIME 20 35 20  
COUNTER NUMBER 3697

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 43.80  
LIQ. WATER CONTENT (GM/M\*\*3) .145

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.857
7.0 - 9.0	2.093
9.0 - 12.0	.952
12.0 - 16.0	2.243
16.0 - 21.0	3.614
21.0 - 28.0	1.122
28.0 - 36.0	.071
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 83  
DATE 13 JAN 1972  
TIME 20 35 25  
COUNTER NUMBER 3702

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 39.56  
LIQ. WATER CONTENT (GM/M\*\*3) .112

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.305
7.0 - 9.0	1.693
9.0 - 12.0	1.324
12.0 - 16.0	2.207
16.0 - 21.0	3.223
21.0 - 28.0	.720
28.0 - 36.0	.032
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 84  
DATE 13 JAN 1972  
TIME 20 35 30  
COUNTER NUMBER 3706

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 45.64  
LIQ. WATER CONTENT (GM/M\*\*3) .064

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.019
7.0 - 9.0	2.229
9.0 - 12.0	2.676
12.0 - 16.0	5.714
16.0 - 21.0	1.437
21.0 - 28.0	.012
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 001	85	FLIGHT NUMBER 001	86	FLIGHT NUMBER 001	87
DATE 13 JAN 1972		DATE 13 JAN 1972		DATE 13 JAN 1972	
TIME 20 35 35		TIME 20 35 40		TIME 20 35 46	
COUNTER NUMBER 3711		COUNTER NUMBER 3714		COUNTER NUMBER 3719	
AIRCRAFT ALTITUDE (KM)	5.2	AIRCRAFT ALTITUDE (KM)	5.2	AIRCRAFT ALTITUDE (KM)	5.2
AIRCRAFT VELOCITY (M/S)	190.5	AIRCRAFT VELOCITY (M/S)	190.5	AIRCRAFT VELOCITY (M/S)	190.5
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	70.0	SAMPLED VOLUME (CM**3)	70.0	SAMPLED VOLUME (CM**3)	70.0
SAMPLE INTERVAL (M)	952.4	SAMPLE INTERVAL (M)	952.4	SAMPLE INTERVAL (M)	1142.9
NUMBER DENSITY (NO/CM**3)	44.87	NUMBER DENSITY (NO/CM**3)	45.71	NUMBER DENSITY (NO/CM**3)	38.57
LIQ. WATER CONTENT (GM/M**3)	.070	LIQ. WATER CONTENT (GM/M**3)	.042	LIQ. WATER CONTENT (GM/M**3)	.037
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	3.124	5.5 - 7.0	2.076	5.5 - 7.0	2.257
7.0 - 9.0	1.850	7.0 - 9.0	2.407	7.0 - 9.0	1.757
9.0 - 12.0	3.110	9.0 - 12.0	6.738	9.0 - 12.0	3.124
12.0 - 16.0	4.239	12.0 - 16.0	4.350	12.0 - 16.0	3.771
16.0 - 21.0	1.846	16.0 - 21.0	.026	16.0 - 21.0	1.249
21.0 - 28.0	.133	21.0 - 28.0	.006	21.0 - 28.0	.139
28.0 - 36.0	.005	28.0 - 36.0	0.000	28.0 - 36.0	0.000
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 001	88	FLIGHT NUMBER 001	89	FLIGHT NUMBER 001	90
DATE 13 JAN 1972		DATE 13 JAN 1972		DATE 13 JAN 1972	
TIME 20 35 50		TIME 20 35 55		TIME 20 36 0	
COUNTER NUMBER 3723		COUNTER NUMBER 3727		COUNTER NUMBER 3731	
AIRCRAFT ALTITUDE (KM)	5.2	AIRCRAFT ALTITUDE (KM)	5.2	AIRCRAFT ALTITUDE (KM)	5.2
AIRCRAFT VELOCITY (M/S)	190.5	AIRCRAFT VELOCITY (M/S)	190.5	AIRCRAFT VELOCITY (M/S)	190.5
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	70.0	SAMPLED VOLUME (CM**3)	70.0	SAMPLED VOLUME (CM**3)	70.0
SAMPLE INTERVAL (M)	761.9	SAMPLE INTERVAL (M)	952.4	SAMPLE INTERVAL (M)	952.4
NUMBER DENSITY (NO/CM**3)	54.91	NUMBER DENSITY (NO/CM**3)	48.83	NUMBER DENSITY (NO/CM**3)	49.40
LIQ. WATER CONTENT (GM/M**3)	.094	LIQ. WATER CONTENT (GM/M**3)	.181	LIQ. WATER CONTENT (GM/M**3)	.206
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	2.762	5.5 - 7.0	1.514	5.5 - 7.0	1.543
7.0 - 9.0	2.629	7.0 - 9.0	2.321	7.0 - 9.0	1.986
9.0 - 12.0	2.214	9.0 - 12.0	1.276	9.0 - 12.0	1.100
12.0 - 16.0	5.489	12.0 - 16.0	1.582	12.0 - 16.0	1.518
16.0 - 21.0	3.357	16.0 - 21.0	3.631	16.0 - 21.0	3.437
21.0 - 28.0	.012	21.0 - 28.0	1.867	21.0 - 28.0	2.194
28.0 - 36.0	.005	28.0 - 36.0	.066	28.0 - 36.0	.150
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 001	91	FLIGHT NUMBER 001	92	FLIGHT NUMBER 001	93
DATE 13 JAN 1972		DATE 13 JAN 1972		DATE 13 JAN 1972	
TIME 20 36 5		TIME 20 36 10		TIME 20 36 16	
COUNTER NUMBER 3735		COUNTER NUMBER 3740		COUNTER NUMBER 3744	
AIRCRAFT ALTITUDE (KM)	5.2	AIRCRAFT ALTITUDE (KM)	5.2	AIRCRAFT ALTITUDE (KM)	5.2
AIRCRAFT VELOCITY (M/S)	190.5	AIRCRAFT VELOCITY (M/S)	190.5	AIRCRAFT VELOCITY (M/S)	190.5
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	70.0	SAMPLED VOLUME (CM**3)	70.0	SAMPLED VOLUME (CM**3)	70.0
SAMPLE INTERVAL (M)	952.4	SAMPLE INTERVAL (M)	952.4	SAMPLE INTERVAL (M)	1142.9
NUMBER DENSITY (NO/CM**3)	50.31	NUMBER DENSITY (NO/CM**3)	41.96	NUMBER DENSITY (NO/CM**3)	55.77
LIQ. WATER CONTENT (GM/M**3)	.215	LIQ. WATER CONTENT (GM/M**3)	.161	LIQ. WATER CONTENT (GM/M**3)	.183
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	1.457	5.5 - 7.0	1.543	5.5 - 7.0	3.267
7.0 - 9.0	2.229	7.0 - 9.0	1.829	7.0 - 9.0	2.143
9.0 - 12.0	.876	9.0 - 12.0	1.086	9.0 - 12.0	.681
12.0 - 16.0	1.807	12.0 - 16.0	1.325	12.0 - 16.0	2.500
16.0 - 21.0	3.186	16.0 - 21.0	2.963	16.0 - 21.0	4.509
21.0 - 28.0	2.359	21.0 - 28.0	1.720	21.0 - 28.0	1.702
28.0 - 36.0	.171	28.0 - 36.0	.071	28.0 - 36.0	.011
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 001	94	FLIGHT NUMBER 001	95	FLIGHT NUMBER 001	96
DATE 13 JAN 1972		DATE 13 JAN 1972		DATE 13 JAN 1972	
TIME 20 36 21		TIME 20 36 25		TIME 20 36 30	
COUNTER NUMBER 3746		COUNTER NUMBER 3752		COUNTER NUMBER 3756	
AIRCRAFT ALTITUDE (KM)	5.2	AIRCRAFT ALTITUDE (KM)	5.2	AIRCRAFT ALTITUDE (KM)	5.2
AIRCRAFT VELOCITY (M/S)	190.5	AIRCRAFT VELOCITY (M/S)	190.5	AIRCRAFT VELOCITY (M/S)	190.5
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	70.0	SAMPLED VOLUME (CM**3)	70.0	SAMPLED VOLUME (CM**3)	70.0
SAMPLE INTERVAL (M)	952.4	SAMPLE INTERVAL (M)	761.9	SAMPLE INTERVAL (M)	952.4
NUMBER DENSITY (NO/CM**3)	58.29	NUMBER DENSITY (NO/CM**3)	56.26	NUMBER DENSITY (NO/CM**3)	50.04
LIQ. WATER CONTENT (GM/M**3)	.172	LIQ. WATER CONTENT (GM/M**3)	.174	LIQ. WATER CONTENT (GM/M**3)	.178
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	2.790	5.5 - 7.0	3.533	5.5 - 7.0	2.076
7.0 - 9.0	2.921	7.0 - 9.0	2.050	7.0 - 9.0	2.164
9.0 - 12.0	.919	9.0 - 12.0	1.233	9.0 - 12.0	1.129
12.0 - 16.0	2.721	12.0 - 16.0	2.500	12.0 - 16.0	2.275
16.0 - 21.0	5.240	16.0 - 21.0	4.631	16.0 - 21.0	3.954
21.0 - 28.0	1.159	21.0 - 28.0	1.378	21.0 - 28.0	1.339
28.0 - 36.0	.037	28.0 - 36.0	.045	28.0 - 36.0	.089
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	.016
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	.006
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000

FLIGHT NUMBER 001 97  
DATE 13 JAN 1972  
TIME 20 36 35  
COUNTER NUMBER 3760

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 50.23  
LIQ. WATER CONTENT (GM/M\*\*3) .179

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.962
7.0 - 9.0	2.007
9.0 - 12.0	.862
12.0 - 16.0	2.332
16.0 - 21.0	3.989
21.0 - 28.0	1.606
28.0 - 36.0	.011
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 001 98  
DATE 13 JAN 1972  
TIME 20 36 40  
COUNTER NUMBER 3764

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 52.29  
LIQ. WATER CONTENT (GM/M\*\*3) .109

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.619
7.0 - 9.0	1.936
9.0 - 12.0	1.576
12.0 - 16.0	4.475
16.0 - 21.0	4.097
21.0 - 28.0	.184
28.0 - 36.0	.005
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 99  
DATE 13 JAN 1972  
TIME 20 36 46  
COUNTER NUMBER 3769

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 1142.9  
NUMBER DENSITY (NO/CM\*\*3) 42.81  
LIQ. WATER CONTENT (GM/M\*\*3) .075

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.762
7.0 - 9.0	1.893
9.0 - 12.0	2.514
12.0 - 16.0	3.804
16.0 - 21.0	2.114
21.0 - 28.0	.216
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 100  
DATE 13 JAN 1972  
TIME 20 36 50  
COUNTER NUMBER 3773

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 761.9  
NUMBER DENSITY (NO/CM\*\*3) 44.06  
LIQ. WATER CONTENT (GM/M\*\*3) .048

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.381
7.0 - 9.0	3.164
9.0 - 12.0	4.862
12.0 - 16.0	3.993
16.0 - 21.0	.660
21.0 - 28.0	.043
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 101  
DATE 13 JAN 1972  
TIME 20 36 55  
COUNTER NUMBER 3777

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 35.77  
LIQ. WATER CONTENT (GM/M\*\*3) .030

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.362
7.0 - 9.0	3.500
9.0 - 12.0	4.419
12.0 - 16.0	2.364
16.0 - 21.0	.143
21.0 - 28.0	.043
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 102  
DATE 13 JAN 1972  
TIME 20 37 0  
COUNTER NUMBER 3781

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 18.14  
LIQ. WATER CONTENT (GM/M\*\*3) .020

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.095
7.0 - 9.0	2.521
9.0 - 12.0	1.381
12.0 - 16.0	.579
16.0 - 21.0	.223
21.0 - 28.0	.108
28.0 - 36.0	.016
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 103  
DATE 13 JAN 1972  
TIME 20 37 5  
COUNTER NUMBER 3785

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 23.57  
LIQ. WATER CONTENT (GM/M\*\*3) .025

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.838
7.0 - 9.0	3.457
9.0 - 12.0	1.514
12.0 - 16.0	.868
16.0 - 21.0	.346
21.0 - 28.0	.165
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 104  
DATE 13 JAN 1972  
TIME 20 37 10  
COUNTER NUMBER 3789

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 1.77  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.800
7.0 - 9.0	.264
9.0 - 12.0	.014
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 105  
DATE 13 JAN 1972  
TIME 20 37 15  
COUNTER NUMBER 3793

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 2.39  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.324
7.0 - 9.0	.379
9.0 - 12.0	.190
12.0 - 16.0	.089
16.0 - 21.0	.043
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 106  
DATE 13 JAN 1972  
TIME 20 37 20  
COUNTER NUMBER 3797

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) .09  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.021
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.009
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 107  
DATE 13 JAN 1972  
TIME 20 37 25  
COUNTER NUMBER 3802

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 1.21  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.143
7.0 - 9.0	.150
9.0 - 12.0	.190
12.0 - 16.0	.021
16.0 - 21.0	.009
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 108  
DATE 13 JAN 1972  
TIME 20 37 29  
COUNTER NUMBER 3805

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 761.9  
NUMBER DENSITY (NO/CM\*\*3) 1.87  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.438
7.0 - 9.0	.329
9.0 - 12.0	.071
12.0 - 16.0	.043
16.0 - 21.0	.017
21.0 - 28.0	.006
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000



FLIGHT NUMBER 001 109  
DATE 13 JAN 1972  
TIME 20 47 30  
COUNTER NUMBER 4094

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 30.00  
LIQ. WATER CONTENT (GM/M\*\*3) .046

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.705
7.0 - 9.0	2.429
9.0 - 12.0	1.948
12.0 - 16.0	2.196
16.0 - 21.0	1.017
21.0 - 28.0	.184
28.0 - 36.0	.011
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 110  
DATE 13 JAN 1972  
TIME 20 47 35  
COUNTER NUMBER 4098

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 41.73  
LIQ. WATER CONTENT (GM/M\*\*3) .051

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.076
7.0 - 9.0	3.300
9.0 - 12.0	4.476
12.0 - 16.0	3.100
16.0 - 21.0	1.169
21.0 - 28.0	.043
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 111  
DATE 13 JAN 1972  
TIME 20 47 40  
COUNTER NUMBER 4103

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 40.53  
LIQ. WATER CONTENT (GM/M\*\*3) .061

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.752
7.0 - 9.0	2.650
9.0 - 12.0	3.467
12.0 - 16.0	3.993
16.0 - 21.0	.937
21.0 - 28.0	.196
28.0 - 36.0	.021
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 112  
DATE 13 JAN 1972  
TIME 20 47 45  
COUNTER NUMBER 4107

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 22.00  
LIQ. WATER CONTENT (GM/M\*\*3) .031

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.390
7.0 - 9.0	1.757
9.0 - 12.0	2.171
12.0 - 16.0	1.461
16.0 - 21.0	.660
21.0 - 28.0	.094
28.0 - 36.0	.011
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 113  
DATE 13 JAN 1972  
TIME 20 47 50  
COUNTER NUMBER 4111

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 33.51  
LIQ. WATER CONTENT (GM/M\*\*3) .038

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.448
7.0 - 9.0	4.507
9.0 - 12.0	2.838
12.0 - 16.0	1.504
16.0 - 21.0	.766
21.0 - 28.0	.133
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 114  
DATE 13 JAN 1972  
TIME 20 47 55  
COUNTER NUMBER 4115

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 6.86  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.476
7.0 - 9.0	1.429
9.0 - 12.0	.667
12.0 - 16.0	.179
16.0 - 21.0	.071
21.0 - 28.0	.024
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 115  
DATE 13 JAN 1972  
TIME 20 48 0  
COUNTER NUMBER 4119

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 28.97  
LIQ. WATER CONTENT (GM/M\*\*3) .025

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.505
7.0 - 9.0	4.350
9.0 - 12.0	3.124
12.0 - 16.0	.957
16.0 - 21.0	.249
21.0 - 28.0	.063
28.0 - 36.0	.016
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 116  
DATE 13 JAN 1972  
TIME 20 48 5  
COUNTER NUMBER 4124

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 12.47  
LIQ. WATER CONTENT (GM/M\*\*3) .015

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.695
7.0 - 9.0	2.093
9.0 - 12.0	.848
12.0 - 16.0	.357
16.0 - 21.0	.214
21.0 - 28.0	.094
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 117  
DATE 13 JAN 1972  
TIME 20 48 10  
COUNTER NUMBER 4128

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 19.03  
LIQ. WATER CONTENT (GM/M\*\*3) .025

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.076
7.0 - 9.0	1.871
9.0 - 12.0	1.338
12.0 - 16.0	1.282
16.0 - 21.0	.446
21.0 - 28.0	.108
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 118  
DATE 13 JAN 1972  
TIME 20 48 15  
COUNTER NUMBER 4132

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 20.20  
LIQ. WATER CONTENT (GM/M\*\*3) .035

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.867
7.0 - 9.0	2.293
9.0 - 12.0	1.395
12.0 - 16.0	1.071
16.0 - 21.0	.560
21.0 - 28.0	.184
28.0 - 36.0	.027
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 119  
DATE 13 JAN 1972  
TIME 20 48 21  
COUNTER NUMBER 4136

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 1142.9  
NUMBER DENSITY (NO/CM\*\*3) 35.36  
LIQ. WATER CONTENT (GM/M\*\*3) .059

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.171
7.0 - 9.0	2.343
9.0 - 12.0	2.795
12.0 - 16.0	3.279
16.0 - 21.0	1.017
21.0 - 28.0	.082
28.0 - 36.0	.011
36.0 - 47.0	.008
47.0 - 62.0	.006
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 120  
DATE 13 JAN 1972  
TIME 20 48 25  
COUNTER NUMBER 4140

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 761.9  
NUMBER DENSITY (NO/CM\*\*3) 31.60  
LIQ. WATER CONTENT (GM/M\*\*3) .048

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.286
7.0 - 9.0	3.007
9.0 - 12.0	2.752
12.0 - 16.0	1.850
16.0 - 21.0	.946
21.0 - 28.0	.087
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER	001	121	FLIGHT NUMBER	001	122	FLIGHT NUMBER	001	123
DATE 13 JAN 1972			DATE 13 JAN 1972			DATE 13 JAN 1972		
TIME 20 48 30			TIME 20 48 40			TIME 20 48 45		
COUNTER NUMBER 4145			COUNTER NUMBER 4153			COUNTER NUMBER 4157		
AIRCRAFT ALTITUDE (KM)	5.2		AIRCRAFT ALTITUDE (KM)	5.2		AIRCRAFT ALTITUDE (KM)	5.2	
AIRCRAFT VELOCITY (M/S)	190.5		AIRCRAFT VELOCITY (M/S)	190.5		AIRCRAFT VELOCITY (M/S)	190.5	
AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9	
SAMPLED VOLUME (CM**3)	70.0		SAMPLED VOLUME (CM**3)	70.0		SAMPLED VOLUME (CM**3)	70.0	
SAMPLE INTERVAL (M)	952.4		SAMPLE INTERVAL (M)	1904.8		SAMPLE INTERVAL (M)	952.4	
NUMBER DENSITY (NO/CM**3)	16.43		NUMBER DENSITY (NO/CM**3)	28.63		NUMBER DENSITY (NO/CM**3)	25.87	
LIQ. WATER CONTENT (GM/M**3)	.017		LIQ. WATER CONTENT (GM/M**3)	.021		LIQ. WATER CONTENT (GM/M**3)	.033	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	2.105		5.5 - 7.0	4.371		5.5 - 7.0	2.819	
7.0 - 9.0	2.586		7.0 - 9.0	3.993		7.0 - 9.0	3.857	
9.0 - 12.0	1.100		9.0 - 12.0	2.795		9.0 - 12.0	2.005	
12.0 - 16.0	.757		12.0 - 16.0	1.004		12.0 - 16.0	.868	
16.0 - 21.0	.294		16.0 - 21.0	.294		16.0 - 21.0	.623	
21.0 - 28.0	.037		21.0 - 28.0	.031		21.0 - 28.0	.184	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	.005	
36.0 - 47.0	.004		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	001	124	FLIGHT NUMBER	001	125	FLIGHT NUMBER	001	126
DATE 13 JAN 1972			DATE 13 JAN 1972			DATE 13 JAN 1972		
TIME 20 48 50			TIME 20 48 55			TIME 20 48 59		
COUNTER NUMBER 4161			COUNTER NUMBER 4165			COUNTER NUMBER 4169		
AIRCRAFT ALTITUDE (KM)	5.2		AIRCRAFT ALTITUDE (KM)	5.2		AIRCRAFT ALTITUDE (KM)	5.2	
AIRCRAFT VELOCITY (M/S)	190.5		AIRCRAFT VELOCITY (M/S)	190.5		AIRCRAFT VELOCITY (M/S)	190.5	
AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9	
SAMPLED VOLUME (CM**3)	70.0		SAMPLED VOLUME (CM**3)	70.0		SAMPLED VOLUME (CM**3)	70.0	
SAMPLE INTERVAL (M)	952.4		SAMPLE INTERVAL (M)	952.4		SAMPLE INTERVAL (M)	761.9	
NUMBER DENSITY (NO/CM**3)	1.71		NUMBER DENSITY (NO/CM**3)	28.04		NUMBER DENSITY (NO/CM**3)	1.30	
LIQ. WATER CONTENT (GM/M**3)	.001		LIQ. WATER CONTENT (GM/M**3)	.023		LIQ. WATER CONTENT (GM/M**3)	.001	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.057		5.5 - 7.0	2.581		5.5 - 7.0	.171	
7.0 - 9.0	.243		7.0 - 9.0	4.307		7.0 - 9.0	.150	
9.0 - 12.0	.267		9.0 - 12.0	3.152		9.0 - 12.0	.119	
12.0 - 16.0	.054		12.0 - 16.0	1.414		12.0 - 16.0	.075	
16.0 - 21.0	.026		16.0 - 21.0	.071		16.0 - 21.0	.017	
21.0 - 28.0	0.000		21.0 - 28.0	0.000		21.0 - 28.0	0.000	
28.0 - 36.0	0.000		28.0 - 36.0	.005		28.0 - 36.0	0.000	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	.003		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	001	127	FLIGHT NUMBER	001	128	FLIGHT NUMBER	001	129
DATE 13 JAN 1972			DATE 13 JAN 1972			DATE 13 JAN 1972		
TIME 20 49 1			TIME 22 14 56			TIME 22 15 1		
COUNTER NUMBER 4170			COUNTER NUMBER 4606			COUNTER NUMBER 4610		
AIRCRAFT ALTITUDE (KM)	5.2		AIRCRAFT ALTITUDE (KM)	.8		AIRCRAFT ALTITUDE (KM)	.9	
AIRCRAFT VELOCITY (M/S)	190.5		AIRCRAFT VELOCITY (M/S)	146.7		AIRCRAFT VELOCITY (M/S)	146.7	
AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9	
SAMPLED VOLUME (CM**3)	70.0		SAMPLED VOLUME (CM**3)	57.0		SAMPLED VOLUME (CM**3)	57.0	
SAMPLE INTERVAL (M)	381.0		SAMPLE INTERVAL (M)	0.0		SAMPLE INTERVAL (M)	733.6	
NUMBER DENSITY (NO/CM**3)	.47		NUMBER DENSITY (NO/CM**3)	3.39		NUMBER DENSITY (NO/CM**3)	51.98	
LIQ. WATER CONTENT (GM/M**3)	.000		LIQ. WATER CONTENT (GM/M**3)	.048		LIQ. WATER CONTENT (GM/M**3)	.125	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.114		5.5 - 7.0	.070		5.5 - 7.0	3.251	
7.0 - 9.0	0.000		7.0 - 9.0	.158		7.0 - 9.0	3.202	
9.0 - 12.0	.100		9.0 - 12.0	0.000		9.0 - 12.0	1.713	
12.0 - 16.0	0.000		12.0 - 16.0	.053		12.0 - 16.0	2.535	
16.0 - 21.0	0.000		16.0 - 21.0	.207		16.0 - 21.0	4.098	
21.0 - 28.0	0.000		21.0 - 28.0	.053		21.0 - 28.0	.697	
28.0 - 36.0	0.000		28.0 - 36.0	.046		28.0 - 36.0	.007	
36.0 - 47.0	0.000		36.0 - 47.0	.089		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	001	130	FLIGHT NUMBER	001	131	FLIGHT NUMBER	001	132
DATE 13 JAN 1972			DATE 13 JAN 1972			DATE 13 JAN 1972		
TIME 22 15 5			TIME 22 15 7			TIME 22 15 10		
COUNTER NUMBER 4613			COUNTER NUMBER 4615			COUNTER NUMBER 4616		
AIRCRAFT ALTITUDE (KM)	.9		AIRCRAFT ALTITUDE (KM)	.8		AIRCRAFT ALTITUDE (KM)	.8	
AIRCRAFT VELOCITY (M/S)	144.1		AIRCRAFT VELOCITY (M/S)	141.6		AIRCRAFT VELOCITY (M/S)	141.6	
AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9	
SAMPLED VOLUME (CM**3)	57.0		SAMPLED VOLUME (CM**3)	56.0		SAMPLED VOLUME (CM**3)	56.0	
SAMPLE INTERVAL (M)	581.7		SAMPLE INTERVAL (M)	285.7		SAMPLE INTERVAL (M)	424.7	
NUMBER DENSITY (NO/CM**3)	69.30		NUMBER DENSITY (NO/CM**3)	68.34		NUMBER DENSITY (NO/CM**3)	59.55	
LIQ. WATER CONTENT (GM/M**3)	.182		LIQ. WATER CONTENT (GM/M**3)	.192		LIQ. WATER CONTENT (GM/M**3)	.184	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	1.673		5.5 - 7.0	2.333		5.5 - 7.0	1.631	
7.0 - 9.0	3.588		7.0 - 9.0	3.205		7.0 - 9.0	2.143	
9.0 - 12.0	2.485		9.0 - 12.0	1.988		9.0 - 12.0	1.488	
12.0 - 16.0	3.219		12.0 - 16.0	2.996		12.0 - 16.0	3.107	
16.0 - 21.0	6.565		16.0 - 21.0	6.414		16.0 - 21.0	5.132	
21.0 - 28.0	.922		21.0 - 28.0	1.202		21.0 - 28.0	1.467	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	0.000	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	

FLIGHT NUMBER 001 133  
DATE 13 JAN 1972  
TIME 22 15 15  
COUNTER NUMBER 4621

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 707.8  
NUMBER DENSITY (NO/CM\*\*3) 26.62  
LIQ. WATER CONTENT (GM/M\*\*3) .066

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.440
7.0 - 9.0	1.027
9.0 - 12.0	1.077
12.0 - 16.0	1.295
16.0 - 21.0	2.354
21.0 - 28.0	.319
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 134  
DATE 13 JAN 1972  
TIME 22 15 20  
COUNTER NUMBER 4625

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 707.8  
NUMBER DENSITY (NO/CM\*\*3) 54.36  
LIQ. WATER CONTENT (GM/M\*\*3) .158

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.893
7.0 - 9.0	2.313
9.0 - 12.0	1.744
12.0 - 16.0	2.830
16.0 - 21.0	4.386
21.0 - 28.0	1.194
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 135  
DATE 13 JAN 1972  
TIME 22 15 22  
COUNTER NUMBER 4626

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 283.1  
NUMBER DENSITY (NO/CM\*\*3) 28.80  
LIQ. WATER CONTENT (GM/M\*\*3) .080

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.488
7.0 - 9.0	1.223
9.0 - 12.0	.518
12.0 - 16.0	1.701
16.0 - 21.0	2.375
21.0 - 28.0	.556
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 136  
DATE 13 JAN 1972  
TIME 22 15 23  
COUNTER NUMBER 4627

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 140.3  
NUMBER DENSITY (NO/CM\*\*3) 5.09  
LIQ. WATER CONTENT (GM/M\*\*3) .009

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.339
7.0 - 9.0	.455
9.0 - 12.0	.127
12.0 - 16.0	.355
16.0 - 21.0	.364
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 137  
DATE 13 JAN 1972  
TIME 22 15 24  
COUNTER NUMBER 4628

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) .76  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.073
7.0 - 9.0	0.000
9.0 - 12.0	.018
12.0 - 16.0	.082
16.0 - 21.0	.033
21.0 - 28.0	.016
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 138  
DATE 13 JAN 1972  
TIME 22 15 26  
COUNTER NUMBER 4630

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 278.0  
NUMBER DENSITY (NO/CM\*\*3) .11  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.027
9.0 - 12.0	.018
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 139  
DATE 13 JAN 1972  
TIME 22 15 27  
COUNTER NUMBER 4631

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) .49  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.145
7.0 - 9.0	.082
9.0 - 12.0	.018
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 140  
DATE 13 JAN 1972  
TIME 22 15 38  
COUNTER NUMBER 4640

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 1529.0  
NUMBER DENSITY (NO/CM\*\*3) .51  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.303
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.014
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 141  
DATE 13 JAN 1972  
TIME 22 15 43  
COUNTER NUMBER 4644

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 695.0  
NUMBER DENSITY (NO/CM\*\*3) 11.13  
LIQ. WATER CONTENT (GM/M\*\*3) .026

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.412
7.0 - 9.0	.418
9.0 - 12.0	.527
12.0 - 16.0	.650
16.0 - 21.0	.942
21.0 - 28.0	.112
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 142  
DATE 13 JAN 1972  
TIME 22 15 44  
COUNTER NUMBER 4645

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 37.80  
LIQ. WATER CONTENT (GM/M\*\*3) .087

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.285
7.0 - 9.0	2.100
9.0 - 12.0	2.121
12.0 - 16.0	2.241
16.0 - 21.0	2.658
21.0 - 28.0	.413
28.0 - 36.0	.020
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 143  
DATE 13 JAN 1972  
TIME 22 15 45  
COUNTER NUMBER 4646

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 7.80  
LIQ. WATER CONTENT (GM/M\*\*3) .013

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.824
7.0 - 9.0	.591
9.0 - 12.0	.358
12.0 - 16.0	.468
16.0 - 21.0	.455
21.0 - 28.0	.023
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 144  
DATE 13 JAN 1972  
TIME 22 15 46  
COUNTER NUMBER 4647

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 136.4  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 137.7  
NUMBER DENSITY (NO/CM\*\*3) 9.44  
LIQ. WATER CONTENT (GM/M\*\*3) .015

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.383
7.0 - 9.0	.722
9.0 - 12.0	1.000
12.0 - 16.0	.431
16.0 - 21.0	.496
21.0 - 28.0	.032
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 145  
DATE 13 JAN 1972  
TIME 22 15 49  
COUNTER NUMBER 4649

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 413.1  
NUMBER DENSITY (NO/CM\*\*3) 75.56  
LIQ. WATER CONTENT (GM/M\*\*3) .163

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.836
7.0 - 9.0	4.227
9.0 - 12.0	3.424
12.0 - 16.0	4.514
16.0 - 21.0	6.305
21.0 - 28.0	.405
28.0 - 36.0	.020
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 146  
DATE 13 JAN 1972  
TIME 22 15 50  
COUNTER NUMBER 4650

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 136.4  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 137.7  
NUMBER DENSITY (NO/CM\*\*3) 61.17  
LIQ. WATER CONTENT (GM/M\*\*3) .144

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.580
7.0 - 9.0	2.972
9.0 - 12.0	2.444
12.0 - 16.0	3.833
16.0 - 21.0	4.848
21.0 - 28.0	.603
28.0 - 36.0	.028
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 147  
DATE 13 JAN 1972  
TIME 22 15 52  
COUNTER NUMBER 4652

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 131.3  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 53.0  
SAMPLE INTERVAL (M) 267.7  
NUMBER DENSITY (NO/CM\*\*3) 71.26  
LIQ. WATER CONTENT (GM/M\*\*3) .193

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.057
7.0 - 9.0	3.623
9.0 - 12.0	2.333
12.0 - 16.0	4.094
16.0 - 21.0	5.257
21.0 - 28.0	1.364
28.0 - 36.0	.028
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 148  
DATE 13 JAN 1972  
TIME 22 15 55  
COUNTER NUMBER 4654

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 131.3  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 53.0  
SAMPLE INTERVAL (M) 393.8  
NUMBER DENSITY (NO/CM\*\*3) 87.98  
LIQ. WATER CONTENT (GM/M\*\*3) .224

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.868
7.0 - 9.0	5.509
9.0 - 12.0	2.553
12.0 - 16.0	5.231
16.0 - 21.0	7.060
21.0 - 28.0	1.213
28.0 - 36.0	.035
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 149  
DATE 13 JAN 1972  
TIME 22 16 0  
COUNTER NUMBER 4658

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 649.9  
NUMBER DENSITY (NO/CM\*\*3) 64.21  
LIQ. WATER CONTENT (GM/M\*\*3) .161

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.154
7.0 - 9.0	3.058
9.0 - 12.0	2.538
12.0 - 16.0	4.101
16.0 - 21.0	4.962
21.0 - 28.0	.813
28.0 - 36.0	.043
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 150  
DATE 13 JAN 1972  
TIME 22 16 1  
COUNTER NUMBER 4659

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 35.00  
LIQ. WATER CONTENT (GM/M\*\*3) .075

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.474
7.0 - 9.0	2.788
9.0 - 12.0	1.679
12.0 - 16.0	2.178
16.0 - 21.0	2.608
21.0 - 28.0	.275
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 151  
DATE 13 JAN 1972  
TIME 22 16 3  
COUNTER NUMBER 4661

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 257.4  
NUMBER DENSITY (NO/CM\*\*3) 6.44  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.038
7.0 - 9.0	.865
9.0 - 12.0	.397
12.0 - 16.0	.341
16.0 - 21.0	.385
21.0 - 28.0	.025
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 152  
DATE 13 JAN 1972  
TIME 22 16 4  
COUNTER NUMBER 4662

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 131.3  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 53.0  
SAMPLE INTERVAL (M) 130.0  
NUMBER DENSITY (NO/CM\*\*3) 1.02  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.189
7.0 - 9.0	.113
9.0 - 12.0	.038
12.0 - 16.0	.057
16.0 - 21.0	.034
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 153  
DATE 13 JAN 1972  
TIME 22 16 5  
COUNTER NUMBER 4663

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 133.8  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 132.6  
NUMBER DENSITY (NO/CM\*\*3) 58.33  
LIQ. WATER CONTENT (GM/M\*\*3) .131

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.852
7.0 - 9.0	3.269
9.0 - 12.0	1.827
12.0 - 16.0	4.454
16.0 - 21.0	4.489
21.0 - 28.0	.452
28.0 - 36.0	.014
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 154  
DATE 13 JAN 1972  
TIME 22 16 10  
COUNTER NUMBER 4667

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 131.3  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 53.0  
SAMPLE INTERVAL (M) 662.8  
NUMBER DENSITY (NO/CM\*\*3) 85.08  
LIQ. WATER CONTENT (GM/M\*\*3) .166

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.409
7.0 - 9.0	3.358
9.0 - 12.0	4.340
12.0 - 16.0	6.750
16.0 - 21.0	6.377
21.0 - 28.0	.175
28.0 - 36.0	.014
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 155  
DATE 13 JAN 1972  
TIME 22 16 15  
COUNTER NUMBER 4670

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 649.9  
NUMBER DENSITY (NO/CM\*\*3) 73.46  
LIQ. WATER CONTENT (GM/M\*\*3) .156

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.603
7.0 - 9.0	3.269
9.0 - 12.0	3.321
12.0 - 16.0	5.663
16.0 - 21.0	5.396
21.0 - 28.0	.489
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 156  
DATE 13 JAN 1972  
TIME 22 16 20  
COUNTER NUMBER 4674

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 89.19  
LIQ. WATER CONTENT (GM/M\*\*3) .198

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.756
7.0 - 9.0	4.529
9.0 - 12.0	3.763
12.0 - 16.0	5.587
16.0 - 21.0	7.704
21.0 - 28.0	.549
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 001 157  
DATE 13 JAN 1972  
TIME 22 16 25  
COUNTER NUMBER 4679

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 80.98  
LIQ. WATER CONTENT (GM/M\*\*3) .177

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.564
7.0 - 9.0	2.885
9.0 - 12.0	2.821
12.0 - 16.0	5.423
16.0 - 21.0	7.031
21.0 - 28.0	.437
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 158  
DATE 13 JAN 1972  
TIME 22 16 30  
COUNTER NUMBER 4683

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 637.1  
NUMBER DENSITY (NO/CM\*\*3) 103.49  
LIQ. WATER CONTENT (GM/M\*\*3) .208

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.098
7.0 - 9.0	4.127
9.0 - 12.0	5.248
12.0 - 16.0	8.681
16.0 - 21.0	7.475
21.0 - 28.0	.375
28.0 - 36.0	.015
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 159  
DATE 13 JAN 1972  
TIME 22 16 35  
COUNTER NUMBER 4687

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 630.6  
NUMBER DENSITY (NO/CM\*\*3) 93.02  
LIQ. WATER CONTENT (GM/M\*\*3) .199

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.791
7.0 - 9.0	3.922
9.0 - 12.0	3.163
12.0 - 16.0	7.152
16.0 - 21.0	7.694
21.0 - 28.0	.401
28.0 - 36.0	.015
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 160  
DATE 13 JAN 1972  
TIME 22 16 41  
COUNTER NUMBER 4692

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 756.8  
NUMBER DENSITY (NO/CM\*\*3) 97.98  
LIQ. WATER CONTENT (GM/M\*\*3) .190

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.771
7.0 - 9.0	3.431
9.0 - 12.0	3.673
12.0 - 16.0	8.882
16.0 - 21.0	7.227
21.0 - 28.0	.165
28.0 - 36.0	.015
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 161  
DATE 13 JAN 1972  
TIME 22 16 45  
COUNTER NUMBER 4696

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 106.25  
LIQ. WATER CONTENT (GM/M\*\*3) .196

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.425
7.0 - 9.0	3.392
9.0 - 12.0	4.739
12.0 - 16.0	10.980
16.0 - 21.0	7.169
21.0 - 28.0	.042
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 162  
DATE 13 JAN 1972  
TIME 22 16 50  
COUNTER NUMBER 4700

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 630.6  
NUMBER DENSITY (NO/CM\*\*3) 102.41  
LIQ. WATER CONTENT (GM/M\*\*3) .189

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.922
7.0 - 9.0	2.843
9.0 - 12.0	4.758
12.0 - 16.0	10.569
16.0 - 21.0	6.690
21.0 - 28.0	.120
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 163  
DATE 13 JAN 1972  
TIME 22 16 55  
COUNTER NUMBER 4704

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 630.6  
NUMBER DENSITY (NO/CM\*\*3) 105.88  
LIQ. WATER CONTENT (GM/M\*\*3) .187

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.484
7.0 - 9.0	4.931
9.0 - 12.0	5.000
12.0 - 16.0	9.848
16.0 - 21.0	6.933
21.0 - 28.0	.017
28.0 - 36.0	.015
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 164  
DATE 13 JAN 1972  
TIME 22 17 0  
COUNTER NUMBER 4708

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 630.6  
NUMBER DENSITY (NO/CM\*\*3) 103.57  
LIQ. WATER CONTENT (GM/M\*\*3) .183

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.078
7.0 - 9.0	2.814
9.0 - 12.0	5.105
12.0 - 16.0	11.275
16.0 - 21.0	6.200
21.0 - 28.0	.050
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 165  
DATE 13 JAN 1972  
TIME 22 17 5  
COUNTER NUMBER 4713

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 624.2  
NUMBER DENSITY (NO/CM\*\*3) 99.65  
LIQ. WATER CONTENT (GM/M\*\*3) .170

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.346
7.0 - 9.0	2.902
9.0 - 12.0	4.758
12.0 - 16.0	10.554
16.0 - 21.0	5.831
21.0 - 28.0	.025
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 166  
DATE 13 JAN 1972  
TIME 22 17 10  
COUNTER NUMBER 4717

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 624.2  
NUMBER DENSITY (NO/CM\*\*3) 94.27  
LIQ. WATER CONTENT (GM/M\*\*3) .159

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.922
7.0 - 9.0	2.941
9.0 - 12.0	5.392
12.0 - 16.0	10.137
16.0 - 21.0	5.035
21.0 - 28.0	.078
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 167  
DATE 13 JAN 1972  
TIME 22 17 15  
COUNTER NUMBER 4720

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 630.6  
NUMBER DENSITY (NO/CM\*\*3) 106.51  
LIQ. WATER CONTENT (GM/M\*\*3) .172

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.098
7.0 - 9.0	3.461
9.0 - 12.0	5.275
12.0 - 16.0	12.544
16.0 - 21.0	4.875
21.0 - 28.0	.078
28.0 - 36.0	.015
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 168  
DATE 13 JAN 1972  
TIME 22 17 20  
COUNTER NUMBER 4724

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 630.6  
NUMBER DENSITY (NO/CM\*\*3) 97.63  
LIQ. WATER CONTENT (GM/M\*\*3) .160

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.556
7.0 - 9.0	3.275
9.0 - 12.0	3.941
12.0 - 16.0	11.485
16.0 - 21.0	4.937
21.0 - 28.0	.042
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 169  
DATE 13 JAN 1972  
TIME 22 17 25  
COUNTER NUMBER 4729

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 630.6  
NUMBER DENSITY (NO/CM\*\*3) 102.04  
LIQ. WATER CONTENT (GM/M\*\*3) .156

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.595
7.0 - 9.0	2.078
9.0 - 12.0	5.039
12.0 - 16.0	13.892
16.0 - 21.0	3.663
21.0 - 28.0	.070
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 170  
DATE 13 JAN 1972  
TIME 22 17 30  
COUNTER NUMBER 4733

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 630.6  
NUMBER DENSITY (NO/CM\*\*3) 96.71  
LIQ. WATER CONTENT (GM/M\*\*3) .108

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.902
7.0 - 9.0	3.363
9.0 - 12.0	8.536
12.0 - 16.0	13.583
16.0 - 21.0	.525
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 171  
DATE 13 JAN 1972  
TIME 22 17 35  
COUNTER NUMBER 4737

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 630.6  
NUMBER DENSITY (NO/CM\*\*3) 97.14  
LIQ. WATER CONTENT (GM/M\*\*3) .114

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.346
7.0 - 9.0	3.794
9.0 - 12.0	7.556
12.0 - 16.0	13.309
16.0 - 21.0	1.102
21.0 - 28.0	.017
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 172  
DATE 13 JAN 1972  
TIME 22 17 40  
COUNTER NUMBER 4741

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 624.2  
NUMBER DENSITY (NO/CM\*\*3) 96.53  
LIQ. WATER CONTENT (GM/M\*\*3) .131

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.556
7.0 - 9.0	4.225
9.0 - 12.0	5.163
12.0 - 16.0	12.868
16.0 - 21.0	2.498
21.0 - 28.0	.042
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 173  
DATE 13 JAN 1972  
TIME 22 17 44  
COUNTER NUMBER 4745

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 499.4  
NUMBER DENSITY (NO/CM\*\*3) 96.02  
LIQ. WATER CONTENT (GM/M\*\*3) .149

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.693
7.0 - 9.0	2.843
9.0 - 12.0	4.922
12.0 - 16.0	11.010
16.0 - 21.0	4.227
21.0 - 28.0	.042
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 174  
DATE 13 JAN 1972  
TIME 22 17 50  
COUNTER NUMBER 4750

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 749.0  
NUMBER DENSITY (NO/CM\*\*3) 99.45  
LIQ. WATER CONTENT (GM/M\*\*3) .199

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.307
7.0 - 9.0	4.716
9.0 - 12.0	2.895
12.0 - 16.0	7.917
16.0 - 21.0	8.086
21.0 - 28.0	.148
28.0 - 36.0	.029
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 175  
DATE 13 JAN 1972  
TIME 22 17 55  
COUNTER NUMBER 4754

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 617.8  
NUMBER DENSITY (NO/CM\*\*3) 97.06  
LIQ. WATER CONTENT (GM/M\*\*3) .203

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.732
7.0 - 9.0	4.833
9.0 - 12.0	2.425
12.0 - 16.0	7.152
16.0 - 21.0	8.553
21.0 - 28.0	.218
28.0 - 36.0	.015
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 176  
DATE 13 JAN 1972  
TIME 22 18 0  
COUNTER NUMBER 4758

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 611.3  
NUMBER DENSITY (NO/CM\*\*3) 97.36  
LIQ. WATER CONTENT (GM/M\*\*3) .183

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.787
7.0 - 9.0	4.560
9.0 - 12.0	3.620
12.0 - 16.0	8.700
16.0 - 21.0	6.872
21.0 - 28.0	.123
28.0 - 36.0	.022
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 177  
DATE 13 JAN 1972  
TIME 22 18 5  
COUNTER NUMBER 4763

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 611.3  
NUMBER DENSITY (NO/CM\*\*3) 93.59  
LIQ. WATER CONTENT (GM/M\*\*3) .137

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.307
7.0 - 9.0	5.882
9.0 - 12.0	5.307
12.0 - 16.0	9.941
16.0 - 21.0	3.431
21.0 - 28.0	.124
28.0 - 36.0	.015
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 178  
DATE 13 JAN 1972  
TIME 22 18 10  
COUNTER NUMBER 4766

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 611.3  
NUMBER DENSITY (NO/CM\*\*3) 34.76  
LIQ. WATER CONTENT (GM/M\*\*3) .034

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.493
7.0 - 9.0	3.530
9.0 - 12.0	3.433
12.0 - 16.0	2.405
16.0 - 21.0	.448
21.0 - 28.0	.034
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 179  
DATE 13 JAN 1972  
TIME 22 18 14  
COUNTER NUMBER 4770

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 478.8  
NUMBER DENSITY (NO/CM\*\*3) 34.88  
LIQ. WATER CONTENT (GM/M\*\*3) .023

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.388
7.0 - 9.0	5.541
9.0 - 12.0	3.252
12.0 - 16.0	1.224
16.0 - 21.0	.176
21.0 - 28.0	.009
28.0 - 36.0	.015
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 180  
DATE 13 JAN 1972  
TIME 22 18 20  
COUNTER NUMBER 4774

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 718.1  
NUMBER DENSITY (NO/CM\*\*3) 86.48  
LIQ. WATER CONTENT (GM/M\*\*3) .074

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.120
7.0 - 9.0	11.960
9.0 - 12.0	8.433
12.0 - 16.0	4.575
16.0 - 21.0	.972
21.0 - 28.0	.034
28.0 - 36.0	.015
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 22 18 25 COUNTER NUMBER 4778	181	FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 22 18 30 COUNTER NUMBER 4783	182	FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 22 18 35 COUNTER NUMBER 4787	183
AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.6	AIRCRAFT ALTITUDE (KM)	.8
AIRCRAFT VELOCITY (M/S)	121.0	AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	50.0	SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0
SAMPLE INTERVAL (M)	604.9	SAMPLE INTERVAL (M)	598.5	SAMPLE INTERVAL (M)	592.0
NUMBER DENSITY (NO/CM**3)	29.78	NUMBER DENSITY (NO/CM**3)	37.51	NUMBER DENSITY (NO/CM**3)	113.71
LIQ. WATER CONTENT (GM/M**3)	.030	LIQ. WATER CONTENT (GM/M**3)	.037	LIQ. WATER CONTENT (GM/M**3)	.112
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	3.373	5.5 - 7.0	4.122	5.5 - 7.0	9.265
7.0 - 9.0	2.780	7.0 - 9.0	3.949	7.0 - 9.0	10.714
9.0 - 12.0	2.433	9.0 - 12.0	3.714	9.0 - 12.0	12.476
12.0 - 16.0	2.265	12.0 - 16.0	2.311	12.0 - 16.0	8.000
16.0 - 21.0	.524	16.0 - 21.0	.482	16.0 - 21.0	1.718
21.0 - 28.0	.026	21.0 - 28.0	.082	21.0 - 28.0	.026
28.0 - 36.0	0.000	28.0 - 36.0	.008	28.0 - 36.0	.023
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 22 18 40 COUNTER NUMBER 4791	184	FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 22 18 45 COUNTER NUMBER 4796	185	FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 22 18 50 COUNTER NUMBER 4800	186
AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8
AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0
SAMPLE INTERVAL (M)	592.0	SAMPLE INTERVAL (M)	592.0	SAMPLE INTERVAL (M)	592.0
NUMBER DENSITY (NO/CM**3)	123.61	NUMBER DENSITY (NO/CM**3)	141.08	NUMBER DENSITY (NO/CM**3)	106.88
LIQ. WATER CONTENT (GM/M**3)	.083	LIQ. WATER CONTENT (GM/M**3)	.095	LIQ. WATER CONTENT (GM/M**3)	.073
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	10.327	5.5 - 7.0	11.850	5.5 - 7.0	11.129
7.0 - 9.0	13.102	7.0 - 9.0	15.592	7.0 - 9.0	14.184
9.0 - 12.0	21.061	9.0 - 12.0	22.531	9.0 - 12.0	14.088
12.0 - 16.0	4.337	12.0 - 16.0	5.944	12.0 - 16.0	4.301
16.0 - 21.0	.241	16.0 - 21.0	.151	16.0 - 21.0	.408
21.0 - 28.0	.026	21.0 - 28.0	0.000	21.0 - 28.0	.044
28.0 - 36.0	0.000	28.0 - 36.0	0.000	28.0 - 36.0	0.000
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 22 18 55 COUNTER NUMBER 4804	187	FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 22 19 5 COUNTER NUMBER 4813	188	FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 22 19 10 COUNTER NUMBER 4816	189
AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8
AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0
SAMPLE INTERVAL (M)	592.0	SAMPLE INTERVAL (M)	1184.0	SAMPLE INTERVAL (M)	592.0
NUMBER DENSITY (NO/CM**3)	83.61	NUMBER DENSITY (NO/CM**3)	88.65	NUMBER DENSITY (NO/CM**3)	87.14
LIQ. WATER CONTENT (GM/M**3)	.073	LIQ. WATER CONTENT (GM/M**3)	.070	LIQ. WATER CONTENT (GM/M**3)	.047
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	8.027	5.5 - 7.0	6.204	5.5 - 7.0	9.864
7.0 - 9.0	7.010	7.0 - 9.0	8.765	7.0 - 9.0	13.418
9.0 - 12.0	11.667	9.0 - 12.0	12.837	9.0 - 12.0	13.476
12.0 - 16.0	4.765	12.0 - 16.0	5.561	12.0 - 16.0	1.082
16.0 - 21.0	.535	16.0 - 21.0	.139	16.0 - 21.0	.127
21.0 - 28.0	.108	21.0 - 28.0	.044	21.0 - 28.0	.017
28.0 - 36.0	.008	28.0 - 36.0	.008	28.0 - 36.0	0.000
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 22 19 15 COUNTER NUMBER 4820	190	FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 22 19 20 COUNTER NUMBER 4824	191	FLIGHT NUMBER 001 DATE 13 JAN 1972 TIME 22 19 23 COUNTER NUMBER 4827	192
AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8
AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0
SAMPLE INTERVAL (M)	592.0	SAMPLE INTERVAL (M)	592.0	SAMPLE INTERVAL (M)	395.2
NUMBER DENSITY (NO/CM**3)	113.37	NUMBER DENSITY (NO/CM**3)	32.59	NUMBER DENSITY (NO/CM**3)	.92
LIQ. WATER CONTENT (GM/M**3)	.051	LIQ. WATER CONTENT (GM/M**3)	.007	LIQ. WATER CONTENT (GM/M**3)	.001
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	15.986	5.5 - 7.0	13.088	5.5 - 7.0	.286
7.0 - 9.0	22.031	7.0 - 9.0	5.827	7.0 - 9.0	.031
9.0 - 12.0	13.435	9.0 - 12.0	.293	9.0 - 12.0	.082
12.0 - 16.0	1.209	12.0 - 16.0	.092	12.0 - 16.0	.031
16.0 - 21.0	.037	16.0 - 21.0	.012	16.0 - 21.0	.012
21.0 - 28.0	0.000	21.0 - 28.0	0.000	21.0 - 28.0	0.000
28.0 - 36.0	0.000	28.0 - 36.0	0.000	28.0 - 36.0	0.000
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000

FLIGHT NUMBER 001 193  
DATE 13 JAN 1972  
TIME 22 19 24  
COUNTER NUMBER 4828

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 118.4  
NUMBER DENSITY (NO/CM\*\*3) .80  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.245
7.0 - 9.0	.092
9.0 - 12.0	0.000
12.0 - 16.0	.061
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 194  
DATE 13 JAN 1972  
TIME 22 19 25  
COUNTER NUMBER 4829

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 118.4  
NUMBER DENSITY (NO/CM\*\*3) 1.12  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.503
7.0 - 9.0	.092
9.0 - 12.0	.041
12.0 - 16.0	.015
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 195  
DATE 13 JAN 1972  
TIME 22 19 27  
COUNTER NUMBER 4830

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 236.8  
NUMBER DENSITY (NO/CM\*\*3) .12  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.031
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 196  
DATE 13 JAN 1972  
TIME 22 19 28  
COUNTER NUMBER 4831

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 118.4  
NUMBER DENSITY (NO/CM\*\*3) .55  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.214
9.0 - 12.0	.041
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 197  
DATE 13 JAN 1972  
TIME 22 19 29  
COUNTER NUMBER 4832

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 118.4  
NUMBER DENSITY (NO/CM\*\*3) .73  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.245
7.0 - 9.0	.061
9.0 - 12.0	.061
12.0 - 16.0	.015
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 198  
DATE 13 JAN 1972  
TIME 22 19 30  
COUNTER NUMBER 4833

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 118.4  
NUMBER DENSITY (NO/CM\*\*3) .86  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.286
7.0 - 9.0	.153
9.0 - 12.0	.020
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	.008
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 199  
DATE 13 JAN 1972  
TIME 22 19 31  
COUNTER NUMBER 4834

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 118.4  
NUMBER DENSITY (NO/CM\*\*3) 6.08  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.884
7.0 - 9.0	.571
9.0 - 12.0	.122
12.0 - 16.0	.061
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 200  
DATE 13 JAN 1972  
TIME 22 19 32  
COUNTER NUMBER 4835

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 118.4  
NUMBER DENSITY (NO/CM\*\*3) .61  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.245
7.0 - 9.0	.092
9.0 - 12.0	0.000
12.0 - 16.0	.015
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 201  
DATE 13 JAN 1972  
TIME 22 19 33  
COUNTER NUMBER 4836

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 98.0  
SAMPLE INTERVAL (M) 118.4  
NUMBER DENSITY (NO/CM\*\*3) .09  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.041
7.0 - 9.0	.015
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 202  
DATE 13 JAN 1972  
TIME 22 19 35  
COUNTER NUMBER 4837

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 236.8  
NUMBER DENSITY (NO/CM\*\*3) .73  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.122
7.0 - 9.0	.184
9.0 - 12.0	.041
12.0 - 16.0	.015
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 203  
DATE 13 JAN 1972  
TIME 22 19 36  
COUNTER NUMBER 4838

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 118.4  
NUMBER DENSITY (NO/CM\*\*3) 1.90  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.762
7.0 - 9.0	.286
9.0 - 12.0	.061
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 204  
DATE 13 JAN 1972  
TIME 22 19 37  
COUNTER NUMBER 4839

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 118.4  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	.020
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000



FLIGHT NUMBER	001	205	FLIGHT NUMBER	001	206	FLIGHT NUMBER	001	207
DATE 13 JAN 1972			DATE 13 JAN 1972			DATE 13 JAN 1972		
TIME 22 19 38			TIME 22 19 39			TIME 22 19 41		
COUNTER NUMBER 4840			COUNTER NUMBER 4841			COUNTER NUMBER 4842		
AIRCRAFT ALTITUDE (KM)	.8		AIRCRAFT ALTITUDE (KM)	.8		AIRCRAFT ALTITUDE (KM)	.8	
AIRCRAFT VELOCITY (M/S)	118.4		AIRCRAFT VELOCITY (M/S)	118.4		AIRCRAFT VELOCITY (M/S)	118.4	
AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9	
SAMPLED VOLUME (CM**3)	49.0		SAMPLED VOLUME (CM**3)	98.0		SAMPLED VOLUME (CM**3)	49.0	
SAMPLE INTERVAL (M)	118.4		SAMPLE INTERVAL (M)	118.4		SAMPLE INTERVAL (M)	236.8	
NUMBER DENSITY (NO/CM**3)	1.37		NUMBER DENSITY (NO/CM**3)	3.67		NUMBER DENSITY (NO/CM**3)	.12	
LIQ. WATER CONTENT (GM/M**3)	.001		LIQ. WATER CONTENT (GM/M**3)	.004		LIQ. WATER CONTENT (GM/M**3)	.000	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.163		5.5 - 7.0	.381		5.5 - 7.0	0.000	
7.0 - 9.0	.286		7.0 - 9.0	.668		7.0 - 9.0	.031	
9.0 - 12.0	.061		9.0 - 12.0	.276		9.0 - 12.0	.020	
12.0 - 16.0	.046		12.0 - 16.0	.181		12.0 - 16.0	0.000	
16.0 - 21.0	.024		16.0 - 21.0	.037		16.0 - 21.0	0.000	
21.0 - 28.0	.009		21.0 - 28.0	0.000		21.0 - 28.0	0.000	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	0.000	
36.0 - 47.0	0.000		36.0 - 47.0	.003		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	001	208	FLIGHT NUMBER	001	209	FLIGHT NUMBER	001	210
DATE 13 JAN 1972			DATE 13 JAN 1972			DATE 13 JAN 1972		
TIME 22 19 42			TIME 22 19 43			TIME 22 19 44		
COUNTER NUMBER 4843			COUNTER NUMBER 4844			COUNTER NUMBER 4845		
AIRCRAFT ALTITUDE (KM)	.8		AIRCRAFT ALTITUDE (KM)	.8		AIRCRAFT ALTITUDE (KM)	.8	
AIRCRAFT VELOCITY (M/S)	118.4		AIRCRAFT VELOCITY (M/S)	118.4		AIRCRAFT VELOCITY (M/S)	118.4	
AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9	
SAMPLED VOLUME (CM**3)	49.0		SAMPLED VOLUME (CM**3)	49.0		SAMPLED VOLUME (CM**3)	49.0	
SAMPLE INTERVAL (M)	118.4		SAMPLE INTERVAL (M)	118.4		SAMPLE INTERVAL (M)	118.4	
NUMBER DENSITY (NO/CM**3)	.92		NUMBER DENSITY (NO/CM**3)	2.55		NUMBER DENSITY (NO/CM**3)	39.90	
LIQ. WATER CONTENT (GM/M**3)	.002		LIQ. WATER CONTENT (GM/M**3)	.002		LIQ. WATER CONTENT (GM/M**3)	.018	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.204		5.5 - 7.0	.286		5.5 - 7.0	13.347	
7.0 - 9.0	.122		7.0 - 9.0	.469		7.0 - 9.0	5.704	
9.0 - 12.0	.061		9.0 - 12.0	.272		9.0 - 12.0	1.871	
12.0 - 16.0	.015		12.0 - 16.0	.061		12.0 - 16.0	.398	
16.0 - 21.0	0.000		16.0 - 21.0	.024		16.0 - 21.0	.204	
21.0 - 28.0	0.000		21.0 - 28.0	0.000		21.0 - 28.0	.026	
28.0 - 36.0	.015		28.0 - 36.0	0.000		28.0 - 36.0	.008	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	001	211	FLIGHT NUMBER	001	212	FLIGHT NUMBER	001	213
DATE 13 JAN 1972			DATE 13 JAN 1972			DATE 13 JAN 1972		
TIME 22 19 50			TIME 22 19 55			TIME 22 20 0		
COUNTER NUMBER 4850			COUNTER NUMBER 4854			COUNTER NUMBER 4858		
AIRCRAFT ALTITUDE (KM)	.8		AIRCRAFT ALTITUDE (KM)	.8		AIRCRAFT ALTITUDE (KM)	.8	
AIRCRAFT VELOCITY (M/S)	118.4		AIRCRAFT VELOCITY (M/S)	118.4		AIRCRAFT VELOCITY (M/S)	118.4	
AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9	
SAMPLED VOLUME (CM**3)	49.0		SAMPLED VOLUME (CM**3)	49.0		SAMPLED VOLUME (CM**3)	49.0	
SAMPLE INTERVAL (M)	118.4		SAMPLE INTERVAL (M)	592.0		SAMPLE INTERVAL (M)	592.0	
NUMBER DENSITY (NO/CM**3)	128.78		NUMBER DENSITY (NO/CM**3)	108.18		NUMBER DENSITY (NO/CM**3)	18.88	
LIQ. WATER CONTENT (GM/M**3)	.047		LIQ. WATER CONTENT (GM/M**3)	.028		LIQ. WATER CONTENT (GM/M**3)	.017	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	30.014		5.5 - 7.0	34.395		5.5 - 7.0	4.286	
7.0 - 9.0	26.745		7.0 - 9.0	22.541		7.0 - 9.0	2.357	
9.0 - 12.0	9.224		9.0 - 12.0	3.633		9.0 - 12.0	1.190	
12.0 - 16.0	.510		12.0 - 16.0	.077		12.0 - 16.0	.730	
16.0 - 21.0	.061		16.0 - 21.0	.049		16.0 - 21.0	.127	
21.0 - 28.0	.009		21.0 - 28.0	.009		21.0 - 28.0	.061	
28.0 - 36.0	.023		28.0 - 36.0	0.000		28.0 - 36.0	.023	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	001	214	FLIGHT NUMBER	001	215	FLIGHT NUMBER	001	216
DATE 13 JAN 1972			DATE 13 JAN 1972			DATE 13 JAN 1972		
TIME 22 20 6			TIME 22 20 10			TIME 22 20 15		
COUNTER NUMBER 4863			COUNTER NUMBER 4866			COUNTER NUMBER 4870		
AIRCRAFT ALTITUDE (KM)	.8		AIRCRAFT ALTITUDE (KM)	.8		AIRCRAFT ALTITUDE (KM)	.8	
AIRCRAFT VELOCITY (M/S)	118.4		AIRCRAFT VELOCITY (M/S)	118.4		AIRCRAFT VELOCITY (M/S)	118.4	
AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9		AMBIENT TEMPERATURE (DEG K)	999.9	
SAMPLED VOLUME (CM**3)	49.0		SAMPLED VOLUME (CM**3)	49.0		SAMPLED VOLUME (CM**3)	49.0	
SAMPLE INTERVAL (M)	710.4		SAMPLE INTERVAL (M)	473.6		SAMPLE INTERVAL (M)	592.0	
NUMBER DENSITY (NO/CM**3)	111.88		NUMBER DENSITY (NO/CM**3)	71.49		NUMBER DENSITY (NO/CM**3)	76.33	
LIQ. WATER CONTENT (GM/M**3)	.043		LIQ. WATER CONTENT (GM/M**3)	.017		LIQ. WATER CONTENT (GM/M**3)	.038	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	26.653		5.5 - 7.0	25.551		5.5 - 7.0	18.748	
7.0 - 9.0	24.388		7.0 - 9.0	14.500		7.0 - 9.0	12.653	
9.0 - 12.0	6.143		9.0 - 12.0	1.143		9.0 - 12.0	5.184	
12.0 - 16.0	.954		12.0 - 16.0	.107		12.0 - 16.0	1.495	
16.0 - 21.0	.127		16.0 - 21.0	.049		16.0 - 21.0	.188	
21.0 - 28.0	.017		21.0 - 28.0	.009		21.0 - 28.0	.035	
28.0 - 36.0	.008		28.0 - 36.0	0.000		28.0 - 36.0	.023	
36.0 - 47.0	.006		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	

FLIGHT NUMBER 001	217	FLIGHT NUMBER 001	218	FLIGHT NUMBER 001	219
DATE 13 JAN 1972		DATE 13 JAN 1972		DATE 13 JAN 1972	
TIME 22 20 17		TIME 22 20 19		TIME 22 20 20	
COUNTER NUMBER 4872		COUNTER NUMBER 4873		COUNTER NUMBER 4874	
AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8
AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0
SAMPLE INTERVAL (M)	236.8	SAMPLE INTERVAL (M)	236.8	SAMPLE INTERVAL (M)	118.4
NUMBER DENSITY (NO/CM**3)	.98	NUMBER DENSITY (NO/CM**3)	.69	NUMBER DENSITY (NO/CM**3)	.37
LIQ. WATER CONTENT (GM/M**3)	.001	LIQ. WATER CONTENT (GM/M**3)	.001	LIQ. WATER CONTENT (GM/M**3)	.000
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.286	5.5 - 7.0	.340	5.5 - 7.0	.163
7.0 - 9.0	.122	7.0 - 9.0	.031	7.0 - 9.0	.061
9.0 - 12.0	.041	9.0 - 12.0	0.000	9.0 - 12.0	0.000
12.0 - 16.0	.031	12.0 - 16.0	.015	12.0 - 16.0	0.000
16.0 - 21.0	0.000	16.0 - 21.0	0.000	16.0 - 21.0	0.000
21.0 - 28.0	.009	21.0 - 28.0	.009	21.0 - 28.0	0.000
28.0 - 36.0	0.000	28.0 - 36.0	0.000	28.0 - 36.0	0.000
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000

FLIGHT NUMBER 001	220	FLIGHT NUMBER 001	221	FLIGHT NUMBER 001	222
DATE 13 JAN 1972		DATE 13 JAN 1972		DATE 13 JAN 1972	
TIME 22 20 22		TIME 22 20 23		TIME 22 20 24	
COUNTER NUMBER 4876		COUNTER NUMBER 4877		COUNTER NUMBER 4878	
AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8
AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0
SAMPLE INTERVAL (M)	236.8	SAMPLE INTERVAL (M)	118.4	SAMPLE INTERVAL (M)	118.4
NUMBER DENSITY (NO/CM**3)	2.00	NUMBER DENSITY (NO/CM**3)	.73	NUMBER DENSITY (NO/CM**3)	.61
LIQ. WATER CONTENT (GM/M**3)	.001	LIQ. WATER CONTENT (GM/M**3)	.000	LIQ. WATER CONTENT (GM/M**3)	.000
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.422	5.5 - 7.0	.122	5.5 - 7.0	.122
7.0 - 9.0	.122	7.0 - 9.0	.184	7.0 - 9.0	.122
9.0 - 12.0	.252	9.0 - 12.0	.041	9.0 - 12.0	.041
12.0 - 16.0	.077	12.0 - 16.0	0.000	12.0 - 16.0	.015
16.0 - 21.0	.012	16.0 - 21.0	.012	16.0 - 21.0	0.000
21.0 - 28.0	0.000	21.0 - 28.0	0.000	21.0 - 28.0	0.000
28.0 - 36.0	0.000	28.0 - 36.0	0.000	28.0 - 36.0	0.000
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000

FLIGHT NUMBER 001	223	FLIGHT NUMBER 001	224	FLIGHT NUMBER 001	225
DATE 13 JAN 1972		DATE 13 JAN 1972		DATE 13 JAN 1972	
TIME 22 20 25		TIME 22 20 28		TIME 22 20 30	
COUNTER NUMBER 4879		COUNTER NUMBER 4881		COUNTER NUMBER 4883	
AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8
AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0
SAMPLE INTERVAL (M)	118.4	SAMPLE INTERVAL (M)	355.2	SAMPLE INTERVAL (M)	236.8
NUMBER DENSITY (NO/CM**3)	9.10	NUMBER DENSITY (NO/CM**3)	1.76	NUMBER DENSITY (NO/CM**3)	1.49
LIQ. WATER CONTENT (GM/M**3)	.006	LIQ. WATER CONTENT (GM/M**3)	.003	LIQ. WATER CONTENT (GM/M**3)	.003
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	1.401	5.5 - 7.0	.340	5.5 - 7.0	.463
7.0 - 9.0	1.276	7.0 - 9.0	.286	7.0 - 9.0	.153
9.0 - 12.0	1.020	9.0 - 12.0	.041	9.0 - 12.0	0.000
12.0 - 16.0	.286	12.0 - 16.0	.061	12.0 - 16.0	.061
16.0 - 21.0	.024	16.0 - 21.0	.049	16.0 - 21.0	.024
21.0 - 28.0	.017	21.0 - 28.0	0.000	21.0 - 28.0	0.000
28.0 - 36.0	0.000	28.0 - 36.0	.008	28.0 - 36.0	.015
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000

FLIGHT NUMBER 001	226	FLIGHT NUMBER 001	227	FLIGHT NUMBER 001	228
DATE 13 JAN 1972		DATE 13 JAN 1972		DATE 13 JAN 1972	
TIME 22 20 35		TIME 22 20 38		TIME 22 20 40	
COUNTER NUMBER 4887		COUNTER NUMBER 4890		COUNTER NUMBER 4891	
AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8
AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0
SAMPLE INTERVAL (M)	592.0	SAMPLE INTERVAL (M)	355.2	SAMPLE INTERVAL (M)	236.8
NUMBER DENSITY (NO/CM**3)	11.29	NUMBER DENSITY (NO/CM**3)	1.10	NUMBER DENSITY (NO/CM**3)	8.41
LIQ. WATER CONTENT (GM/M**3)	.011	LIQ. WATER CONTENT (GM/M**3)	.003	LIQ. WATER CONTENT (GM/M**3)	.011
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	2.327	5.5 - 7.0	.163	5.5 - 7.0	1.224
7.0 - 9.0	1.816	7.0 - 9.0	0.000	7.0 - 9.0	1.306
9.0 - 12.0	.762	9.0 - 12.0	.061	9.0 - 12.0	.782
12.0 - 16.0	.235	12.0 - 16.0	.092	12.0 - 16.0	.219
16.0 - 21.0	.139	16.0 - 21.0	.037	16.0 - 21.0	.024
21.0 - 28.0	0.000	21.0 - 28.0	.009	21.0 - 28.0	.061
28.0 - 36.0	.031	28.0 - 36.0	.008	28.0 - 36.0	.023
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000

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FLIGHT NUMBER 001	229	FLIGHT NUMBER 001	230	FLIGHT NUMBER 001	231
DATE 13 JAN 1972		DATE 13 JAN 1972		DATE 13 JAN 1972	
TIME 22 20 47		TIME 22 20 50		TIME 22 20 55	
COUNTER NUMBER 4897		COUNTER NUMBER 4900		COUNTER NUMBER 4904	
AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8
AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0
SAMPLE INTERVAL (M)	828.8	SAMPLE INTERVAL (M)	355.2	SAMPLE INTERVAL (M)	592.0
NUMBER DENSITY (NO/CM**3)	132.10	NUMBER DENSITY (NO/CM**3)	141.08	NUMBER DENSITY (NO/CM**3)	134.65
LIQ. WATER CONTENT (GM/M**3)	.024	LIQ. WATER CONTENT (GM/M**3)	.045	LIQ. WATER CONTENT (GM/M**3)	.067
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.
5.5 - 7.0	62.667	5.5 - 7.0	39.116	5.5 - 7.0	11.565
7.0 - 9.0	18.459	7.0 - 9.0	27.480	7.0 - 9.0	25.888
9.0 - 12.0	.211	9.0 - 12.0	8.333	9.0 - 12.0	20.408
12.0 - 16.0	.107	12.0 - 16.0	.490	12.0 - 16.0	.985
16.0 - 21.0	.024	16.0 - 21.0	.061	16.0 - 21.0	.061
21.0 - 28.0	0.000	21.0 - 28.0	.026	21.0 - 28.0	0.000
28.0 - 36.0	0.000	28.0 - 36.0	0.000	28.0 - 36.0	.008
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 001	232	FLIGHT NUMBER 001	233	FLIGHT NUMBER 001	234
DATE 13 JAN 1972		DATE 13 JAN 1972		DATE 13 JAN 1972	
TIME 22 21 0		TIME 22 21 6		TIME 22 21 10	
COUNTER NUMBER 4908		COUNTER NUMBER 4913		COUNTER NUMBER 4916	
AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8
AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0
SAMPLE INTERVAL (M)	592.0	SAMPLE INTERVAL (M)	710.4	SAMPLE INTERVAL (M)	473.6
NUMBER DENSITY (NO/CM**3)	113.69	NUMBER DENSITY (NO/CM**3)	103.00	NUMBER DENSITY (NO/CM**3)	103.59
LIQ. WATER CONTENT (GM/M**3)	.111	LIQ. WATER CONTENT (GM/M**3)	.113	LIQ. WATER CONTENT (GM/M**3)	.112
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.
5.5 - 7.0	6.463	5.5 - 7.0	4.925	5.5 - 7.0	5.823
7.0 - 9.0	5.612	7.0 - 9.0	3.949	7.0 - 9.0	3.245
9.0 - 12.0	13.878	9.0 - 12.0	11.456	9.0 - 12.0	11.156
12.0 - 16.0	12.260	12.0 - 16.0	12.434	12.0 - 16.0	12.883
16.0 - 21.0	.420	16.0 - 21.0	.673	16.0 - 21.0	.649
21.0 - 28.0	0.000	21.0 - 28.0	.017	21.0 - 28.0	.017
28.0 - 36.0	0.000	28.0 - 36.0	.015	28.0 - 36.0	0.000
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 001	235	FLIGHT NUMBER 001	236	FLIGHT NUMBER 001	237
DATE 13 JAN 1972		DATE 13 JAN 1972		DATE 13 JAN 1972	
TIME 22 21 15		TIME 22 21 20		TIME 22 21 26	
COUNTER NUMBER 4920		COUNTER NUMBER 4924		COUNTER NUMBER 4929	
AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8
AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0
SAMPLE INTERVAL (M)	592.0	SAMPLE INTERVAL (M)	592.0	SAMPLE INTERVAL (M)	710.4
NUMBER DENSITY (NO/CM**3)	105.16	NUMBER DENSITY (NO/CM**3)	100.18	NUMBER DENSITY (NO/CM**3)	112.18
LIQ. WATER CONTENT (GM/M**3)	.138	LIQ. WATER CONTENT (GM/M**3)	.185	LIQ. WATER CONTENT (GM/M**3)	.231
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.
5.5 - 7.0	4.844	5.5 - 7.0	5.483	5.5 - 7.0	5.687
7.0 - 9.0	3.531	7.0 - 9.0	4.235	7.0 - 9.0	3.439
9.0 - 12.0	9.034	9.0 - 12.0	5.163	9.0 - 12.0	2.313
12.0 - 16.0	13.056	12.0 - 16.0	9.036	12.0 - 16.0	8.495
16.0 - 21.0	2.204	16.0 - 21.0	5.890	16.0 - 21.0	10.637
21.0 - 28.0	.044	21.0 - 28.0	.271	21.0 - 28.0	.373
28.0 - 36.0	.023	28.0 - 36.0	.064	28.0 - 36.0	.008
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 001	238	FLIGHT NUMBER 001	239	FLIGHT NUMBER 001	240
DATE 13 JAN 1972		DATE 13 JAN 1972		DATE 13 JAN 1972	
TIME 22 21 30		TIME 22 21 35		TIME 22 21 40	
COUNTER NUMBER 4933		COUNTER NUMBER 4937		COUNTER NUMBER 4941	
AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8	AIRCRAFT ALTITUDE (KM)	.8
AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	118.4	AIRCRAFT VELOCITY (M/S)	121.0
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	49.0	SAMPLED VOLUME (CM**3)	50.0
SAMPLE INTERVAL (M)	473.6	SAMPLE INTERVAL (M)	592.0	SAMPLE INTERVAL (M)	598.5
NUMBER DENSITY (NO/CM**3)	45.98	NUMBER DENSITY (NO/CM**3)	105.96	NUMBER DENSITY (NO/CM**3)	84.86
LIQ. WATER CONTENT (GM/M**3)	.095	LIQ. WATER CONTENT (GM/M**3)	.337	LIQ. WATER CONTENT (GM/M**3)	.316
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.
5.5 - 7.0	3.007	5.5 - 7.0	3.986	5.5 - 7.0	3.493
7.0 - 9.0	2.133	7.0 - 9.0	4.235	7.0 - 9.0	3.560
9.0 - 12.0	1.762	9.0 - 12.0	.952	9.0 - 12.0	1.307
12.0 - 16.0	3.520	12.0 - 16.0	5.321	12.0 - 16.0	3.825
16.0 - 21.0	3.086	16.0 - 21.0	9.780	16.0 - 21.0	5.948
21.0 - 28.0	.335	21.0 - 28.0	2.612	21.0 - 28.0	3.169
28.0 - 36.0	.008	28.0 - 36.0	.023	28.0 - 36.0	.170
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000

FLIGHT NUMBER 001 241  
DATE 13 JAN 1972  
TIME 22 21 45  
COUNTER NUMBER 4945

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 611.3  
NUMBER DENSITY (NO/CM\*\*3) 85.04  
LIQ. WATER CONTENT (GM/M\*\*3) .330

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.425
7.0 - 9.0	3.765
9.0 - 12.0	1.118
12.0 - 16.0	2.799
16.0 - 21.0	6.627
21.0 - 28.0	3.370
28.0 - 36.0	.123
36.0 - 47.0	.011
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 242  
DATE 13 JAN 1972  
TIME 22 21 50  
COUNTER NUMBER 4949

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 617.8  
NUMBER DENSITY (NO/CM\*\*3) 100.49  
LIQ. WATER CONTENT (GM/M\*\*3) .399

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.850
7.0 - 9.0	4.225
9.0 - 12.0	1.752
12.0 - 16.0	3.245
16.0 - 21.0	7.769
21.0 - 28.0	4.210
28.0 - 36.0	.137
36.0 - 47.0	.011
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 243  
DATE 13 JAN 1972  
TIME 22 21 55  
COUNTER NUMBER 4954

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 630.6  
NUMBER DENSITY (NO/CM\*\*3) 56.96  
LIQ. WATER CONTENT (GM/M\*\*3) .251

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.872
7.0 - 9.0	2.548
9.0 - 12.0	1.718
12.0 - 16.0	1.563
16.0 - 21.0	3.100
21.0 - 28.0	2.901
28.0 - 36.0	.231
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 001 244  
DATE 13 JAN 1972  
TIME 22 22 0  
COUNTER NUMBER 4957

AIRCRAFT ALTITUDE (KM) .8  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 637.1  
NUMBER DENSITY (NO/CM\*\*3) 2.12  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.405
7.0 - 9.0	.245
9.0 - 12.0	.163
12.0 - 16.0	.088
16.0 - 21.0	.024
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 0  
DATE 0 JAN 1972  
TIME 0 0 0  
COUNTER NUMBER 0

AIRCRAFT ALTITUDE (KM) 0.0  
AIRCRAFT VELOCITY (M/S) 0.0  
AMBIENT TEMPERATURE (DEG K) 0.0

SAMPLED VOLUME (CM\*\*3) 0.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 0.00  
LIQ. WATER CONTENT (GM/M\*\*3) 0.000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 0  
DATE 0 JAN 1972  
TIME 0 0 0  
COUNTER NUMBER 0

AIRCRAFT ALTITUDE (KM) 0.0  
AIRCRAFT VELOCITY (M/S) 0.0  
AMBIENT TEMPERATURE (DEG K) 0.0

SAMPLED VOLUME (CM\*\*3) 0.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 0.00  
LIQ. WATER CONTENT (GM/M\*\*3) 0.000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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## FLIGHT 2

FLIGHT NUMBER 002  
DATE 17 JAN 1972  
TIME 20 39 55  
COUNTER NUMBER 5104

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 246.5  
SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .02  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.013
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002  
DATE 17 JAN 1972  
TIME 20 39 59  
COUNTER NUMBER 5106

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 246.7  
SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 875.2  
NUMBER DENSITY (NO/CM\*\*3) 1.56  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.107
7.0 - 9.0	.260
9.0 - 12.0	.120
12.0 - 16.0	.085
16.0 - 21.0	.036
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002  
DATE 17 JAN 1972  
TIME 20 40 1  
COUNTER NUMBER 5107

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.7  
SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 435.0  
NUMBER DENSITY (NO/CM\*\*3) 9.20  
LIQ. WATER CONTENT (GM/M\*\*3) .009

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.573
7.0 - 9.0	1.061
9.0 - 12.0	.541
12.0 - 16.0	.530
16.0 - 21.0	.176
21.0 - 28.0	.014
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002  
DATE 17 JAN 1972  
TIME 20 40 3  
COUNTER NUMBER 5108

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.7  
SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 2.74  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.321
7.0 - 9.0	.260
9.0 - 12.0	.199
12.0 - 16.0	.205
16.0 - 21.0	.064
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002  
DATE 17 JAN 1972  
TIME 20 40 5  
COUNTER NUMBER 5109

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.8  
SAMPLED VOLUME (CM\*\*3) 234.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 11.58  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.282
7.0 - 9.0	1.647
9.0 - 12.0	.832
12.0 - 16.0	.761
16.0 - 21.0	.162
21.0 - 28.0	.002
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002  
DATE 17 JAN 1972  
TIME 20 40 8  
COUNTER NUMBER 5110

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.9  
SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 648.6  
NUMBER DENSITY (NO/CM\*\*3) 11.30  
LIQ. WATER CONTENT (GM/M\*\*3) .009

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.013
7.0 - 9.0	1.590
9.0 - 12.0	.594
12.0 - 16.0	.580
16.0 - 21.0	.196
21.0 - 28.0	.003
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002  
DATE 17 JAN 1972  
TIME 20 40 10  
COUNTER NUMBER 5111

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.9  
SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 26.74  
LIQ. WATER CONTENT (GM/M\*\*3) .023

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.564
7.0 - 9.0	3.215
9.0 - 12.0	2.724
12.0 - 16.0	1.652
16.0 - 21.0	.324
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002  
DATE 17 JAN 1972  
TIME 20 40 13  
COUNTER NUMBER 5112

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.9  
SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 648.6  
NUMBER DENSITY (NO/CM\*\*3) 12.87  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.295
7.0 - 9.0	1.532
9.0 - 12.0	1.361
12.0 - 16.0	.745
16.0 - 21.0	.144
21.0 - 28.0	.011
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002  
DATE 17 JAN 1972  
TIME 20 40 15  
COUNTER NUMBER 5113

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.9  
SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 1.75  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.252
7.0 - 9.0	.147
9.0 - 12.0	.192
12.0 - 16.0	.080
16.0 - 21.0	.036
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002  
DATE 17 JAN 1972  
TIME 20 40 17  
COUNTER NUMBER 5114

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.9  
SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) .51  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.026
7.0 - 9.0	.179
9.0 - 12.0	.032
12.0 - 16.0	.005
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002  
DATE 17 JAN 1972  
TIME 20 40 19  
COUNTER NUMBER 5115

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.9  
SAMPLED VOLUME (CM\*\*3) 234.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 29.68  
LIQ. WATER CONTENT (GM/M\*\*3) .040

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.707
7.0 - 9.0	2.410
9.0 - 12.0	2.274
12.0 - 16.0	2.060
16.0 - 21.0	1.031
21.0 - 28.0	.084
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002  
DATE 17 JAN 1972  
TIME 20 40 22  
COUNTER NUMBER 5116

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.9  
SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 648.6  
NUMBER DENSITY (NO/CM\*\*3) 51.54  
LIQ. WATER CONTENT (GM/M\*\*3) .064

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.953
7.0 - 9.0	4.375
9.0 - 12.0	4.459
12.0 - 16.0	3.771
16.0 - 21.0	1.558
21.0 - 28.0	.088
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 002 13  
DATE 17 JAN 1972  
TIME 20 40 24  
COUNTER NUMBER 5117

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.8

SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 37.70  
LIQ. WATER CONTENT (GM/M\*\*3) .039

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.962
7.0 - 9.0	4.446
9.0 - 12.0	3.639
12.0 - 16.0	2.463
16.0 - 21.0	.628
21.0 - 28.0	.062
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 14  
DATE 17 JAN 1972  
TIME 20 40 26  
COUNTER NUMBER 5118

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.8

SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 52.51  
LIQ. WATER CONTENT (GM/M\*\*3) .052

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.363
7.0 - 9.0	6.679
9.0 - 12.0	5.094
12.0 - 16.0	3.045
16.0 - 21.0	.913
21.0 - 28.0	.082
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 15  
DATE 17 JAN 1972  
TIME 20 40 28  
COUNTER NUMBER 5119

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.8

SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 42.88  
LIQ. WATER CONTENT (GM/M\*\*3) .046

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.923
7.0 - 9.0	4.455
9.0 - 12.0	4.158
12.0 - 16.0	2.598
16.0 - 21.0	.953
21.0 - 28.0	.065
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 16  
DATE 17 JAN 1972  
TIME 20 40 30  
COUNTER NUMBER 5120

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.7

SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 50.19  
LIQ. WATER CONTENT (GM/M\*\*3) .046

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.286
7.0 - 9.0	6.279
9.0 - 12.0	5.481
12.0 - 16.0	2.614
16.0 - 21.0	.728
21.0 - 28.0	.094
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 17  
DATE 17 JAN 1972  
TIME 20 40 33  
COUNTER NUMBER 5121

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.7

SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 648.6  
NUMBER DENSITY (NO/CM\*\*3) 44.90  
LIQ. WATER CONTENT (GM/M\*\*3) .045

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.701
7.0 - 9.0	5.478
9.0 - 12.0	3.778
12.0 - 16.0	2.569
16.0 - 21.0	.988
21.0 - 28.0	.049
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 18  
DATE 17 JAN 1972  
TIME 20 40 35  
COUNTER NUMBER 5122

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.7

SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 40.33  
LIQ. WATER CONTENT (GM/M\*\*3) .035

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.675
7.0 - 9.0	5.949
9.0 - 12.0	2.876
12.0 - 16.0	1.897
16.0 - 21.0	.668
21.0 - 28.0	.049
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 19  
DATE 17 JAN 1972  
TIME 20 40 37  
COUNTER NUMBER 5123

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.7

SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 45.73  
LIQ. WATER CONTENT (GM/M\*\*3) .042

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.568
7.0 - 9.0	5.587
9.0 - 12.0	3.498
12.0 - 16.0	2.468
16.0 - 21.0	.781
21.0 - 28.0	.062
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 20  
DATE 17 JAN 1972  
TIME 20 40 39  
COUNTER NUMBER 5124

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.7

SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 42.73  
LIQ. WATER CONTENT (GM/M\*\*3) .043

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.645
7.0 - 9.0	5.256
9.0 - 12.0	4.126
12.0 - 16.0	2.569
16.0 - 21.0	.700
21.0 - 28.0	.085
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 21  
DATE 17 JAN 1972  
TIME 20 40 41  
COUNTER NUMBER 5125

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.7

SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 50.26  
LIQ. WATER CONTENT (GM/M\*\*3) .050

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.483
7.0 - 9.0	5.808
9.0 - 12.0	5.534
12.0 - 16.0	3.090
16.0 - 21.0	.796
21.0 - 28.0	.062
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 22  
DATE 17 JAN 1972  
TIME 20 40 43  
COUNTER NUMBER 5126

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.6

SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 37.48  
LIQ. WATER CONTENT (GM/M\*\*3) .041

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.949
7.0 - 9.0	4.554
9.0 - 12.0	3.472
12.0 - 16.0	2.298
16.0 - 21.0	.721
21.0 - 28.0	.105
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 23  
DATE 17 JAN 1972  
TIME 20 40 45  
COUNTER NUMBER 5127

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.6

SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) .61  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.120
7.0 - 9.0	.128
9.0 - 12.0	.038
12.0 - 16.0	.014
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 24  
DATE 17 JAN 1972  
TIME 20 40 47  
COUNTER NUMBER 5128

AIRCRAFT ALTITUDE (KM) 7.6  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 246.6

SAMPLED VOLUME (CM\*\*3) 234.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 2.31  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.123
7.0 - 9.0	.252
9.0 - 12.0	.302
12.0 - 16.0	.143
16.0 - 21.0	.029
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 002 25  
DATE 17 JAN 1972  
TIME 20 42 53  
COUNTER NUMBER 5185

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 251.6  
  
SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 5.01  
LIQ. WATER CONTENT (GM/M\*\*3) .013

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.893
7.0 - 9.0	.269
9.0 - 12.0	.079
12.0 - 16.0	.135
16.0 - 21.0	.279
21.0 - 28.0	.134
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 26  
DATE 17 JAN 1972  
TIME 20 42 55  
COUNTER NUMBER 5186

AIRCRAFT ALTITUDE (KM) 6.7  
AIRCRAFT VELOCITY (M/S) 193.1  
AMBIENT TEMPERATURE (DEG K) 252.6  
  
SAMPLED VOLUME (CM\*\*3) 142.0  
SAMPLE INTERVAL (M) 409.3  
NUMBER DENSITY (NO/CM\*\*3) .73  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.117
7.0 - 9.0	.021
9.0 - 12.0	.021
12.0 - 16.0	.037
16.0 - 21.0	.021
21.0 - 28.0	.025
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 27  
DATE 17 JAN 1972  
TIME 20 42 57  
COUNTER NUMBER 5187

AIRCRAFT ALTITUDE (KM) 6.7  
AIRCRAFT VELOCITY (M/S) 193.1  
AMBIENT TEMPERATURE (DEG K) 253.6  
  
SAMPLED VOLUME (CM\*\*3) 142.0  
SAMPLE INTERVAL (M) 386.1  
NUMBER DENSITY (NO/CM\*\*3) 2.97  
LIQ. WATER CONTENT (GM/M\*\*3) .009

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.394
7.0 - 9.0	.141
9.0 - 12.0	.049
12.0 - 16.0	.137
16.0 - 21.0	.162
21.0 - 28.0	.078
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 28  
DATE 17 JAN 1972  
TIME 20 42 59  
COUNTER NUMBER 5188

AIRCRAFT ALTITUDE (KM) 6.7  
AIRCRAFT VELOCITY (M/S) 193.1  
AMBIENT TEMPERATURE (DEG K) 254.7  
  
SAMPLED VOLUME (CM\*\*3) 142.0  
SAMPLE INTERVAL (M) 386.1  
NUMBER DENSITY (NO/CM\*\*3) 8.57  
LIQ. WATER CONTENT (GM/M\*\*3) .022

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.099
7.0 - 9.0	.264
9.0 - 12.0	.087
12.0 - 16.0	.456
16.0 - 21.0	.651
21.0 - 28.0	.151
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 29  
DATE 17 JAN 1972  
TIME 20 43 8  
COUNTER NUMBER 5192

AIRCRAFT ALTITUDE (KM) 6.7  
AIRCRAFT VELOCITY (M/S) 193.1  
AMBIENT TEMPERATURE (DEG K) 255.4  
  
SAMPLED VOLUME (CM\*\*3) 142.0  
SAMPLE INTERVAL (M) 1737.4  
NUMBER DENSITY (NO/CM\*\*3) .02  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.011
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 30  
DATE 17 JAN 1972  
TIME 20 43 10  
COUNTER NUMBER 5193

AIRCRAFT ALTITUDE (KM) 6.7  
AIRCRAFT VELOCITY (M/S) 193.1  
AMBIENT TEMPERATURE (DEG K) 255.5  
  
SAMPLED VOLUME (CM\*\*3) 142.0  
SAMPLE INTERVAL (M) 386.1  
NUMBER DENSITY (NO/CM\*\*3) 16.49  
LIQ. WATER CONTENT (GM/M\*\*3) .038

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.671
7.0 - 9.0	.592
9.0 - 12.0	.418
12.0 - 16.0	1.077
16.0 - 21.0	1.152
21.0 - 28.0	.210
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 31  
DATE 17 JAN 1972  
TIME 20 43 12  
COUNTER NUMBER 5194

AIRCRAFT ALTITUDE (KM) 6.7  
AIRCRAFT VELOCITY (M/S) 193.1  
AMBIENT TEMPERATURE (DEG K) 255.4  
  
SAMPLED VOLUME (CM\*\*3) 213.0  
SAMPLE INTERVAL (M) 386.1  
NUMBER DENSITY (NO/CM\*\*3) .86  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.101
9.0 - 12.0	.072
12.0 - 16.0	.050
16.0 - 21.0	.043
21.0 - 28.0	.002
28.0 - 36.0	0.000
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 32  
DATE 17 JAN 1972  
TIME 20 43 15  
COUNTER NUMBER 5195

AIRCRAFT ALTITUDE (KM) 6.7  
AIRCRAFT VELOCITY (M/S) 193.1  
AMBIENT TEMPERATURE (DEG K) 255.4  
  
SAMPLED VOLUME (CM\*\*3) 142.0  
SAMPLE INTERVAL (M) 579.1  
NUMBER DENSITY (NO/CM\*\*3) 2.61  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.263
7.0 - 9.0	.451
9.0 - 12.0	.080
12.0 - 16.0	.099
16.0 - 21.0	.110
21.0 - 28.0	.012
28.0 - 36.0	.035
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 33  
DATE 17 JAN 1972  
TIME 20 43 17  
COUNTER NUMBER 5196

AIRCRAFT ALTITUDE (KM) 6.7  
AIRCRAFT VELOCITY (M/S) 193.1  
AMBIENT TEMPERATURE (DEG K) 255.3  
  
SAMPLED VOLUME (CM\*\*3) 142.0  
SAMPLE INTERVAL (M) 386.1  
NUMBER DENSITY (NO/CM\*\*3) 12.68  
LIQ. WATER CONTENT (GM/M\*\*3) .023

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.479
7.0 - 9.0	.736
9.0 - 12.0	.549
12.0 - 16.0	.842
16.0 - 21.0	.634
21.0 - 28.0	.113
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 34  
DATE 17 JAN 1972  
TIME 20 43 19  
COUNTER NUMBER 5197

AIRCRAFT ALTITUDE (KM) 6.7  
AIRCRAFT VELOCITY (M/S) 185.3  
AMBIENT TEMPERATURE (DEG K) 255.3  
  
SAMPLED VOLUME (CM\*\*3) 69.0  
SAMPLE INTERVAL (M) 378.4  
NUMBER DENSITY (NO/CM\*\*3) 40.13  
LIQ. WATER CONTENT (GM/M\*\*3) .068

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.899
7.0 - 9.0	2.123
9.0 - 12.0	2.126
12.0 - 16.0	3.442
16.0 - 21.0	2.072
21.0 - 28.0	.147
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 35  
DATE 17 JAN 1972  
TIME 20 43 29  
COUNTER NUMBER 5205

AIRCRAFT ALTITUDE (KM) 6.7  
AIRCRAFT VELOCITY (M/S) 187.9  
AMBIENT TEMPERATURE (DEG K) 255.5  
  
SAMPLED VOLUME (CM\*\*3) 69.0  
SAMPLE INTERVAL (M) 1866.1  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.029
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 36  
DATE 17 JAN 1972  
TIME 20 43 30  
COUNTER NUMBER 5206

AIRCRAFT ALTITUDE (KM) 6.7  
AIRCRAFT VELOCITY (M/S) 193.1  
AMBIENT TEMPERATURE (DEG K) 255.6  
  
SAMPLED VOLUME (CM\*\*3) 71.0  
SAMPLE INTERVAL (M) 190.5  
NUMBER DENSITY (NO/CM\*\*3) 26.69  
LIQ. WATER CONTENT (GM/M\*\*3) .017

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.254
7.0 - 9.0	4.662
9.0 - 12.0	3.052
12.0 - 16.0	1.109
16.0 - 21.0	.079
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 002 37  
DATE 17 JAN 1972  
TIME 20 43 31  
COUNTER NUMBER 5207

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 185.3  
AMBIENT TEMPERATURE (DEG K) 255.6  
  
SAMPLED VOLUME (CM\*\*3) 69.0  
SAMPLE INTERVAL (M) 189.2  
NUMBER DENSITY (NO/CM\*\*3) 1.54  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.087
7.0 - 9.0	.290
9.0 - 12.0	.087
12.0 - 16.0	.065
16.0 - 21.0	.061
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 38  
DATE 17 JAN 1972  
TIME 20 43 33  
COUNTER NUMBER 5209

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 255.7  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 365.5  
NUMBER DENSITY (NO/CM\*\*3) 7.84  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.866
7.0 - 9.0	.485
9.0 - 12.0	.791
12.0 - 16.0	.418
16.0 - 21.0	.242
21.0 - 28.0	.045
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 39  
DATE 17 JAN 1972  
TIME 20 43 35  
COUNTER NUMBER 5211

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 185.3  
AMBIENT TEMPERATURE (DEG K) 255.8  
  
SAMPLED VOLUME (CM\*\*3) 69.0  
SAMPLE INTERVAL (M) 365.5  
NUMBER DENSITY (NO/CM\*\*3) 3.77  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.512
7.0 - 9.0	.333
9.0 - 12.0	.314
12.0 - 16.0	.293
16.0 - 21.0	.043
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 40  
DATE 17 JAN 1972  
TIME 20 43 39  
COUNTER NUMBER 5214

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 187.9  
AMBIENT TEMPERATURE (DEG K) 255.9  
  
SAMPLED VOLUME (CM\*\*3) 69.0  
SAMPLE INTERVAL (M) 746.5  
NUMBER DENSITY (NO/CM\*\*3) .93  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.271
7.0 - 9.0	.109
9.0 - 12.0	.043
12.0 - 16.0	.022
16.0 - 21.0	.017
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 41  
DATE 17 JAN 1972  
TIME 20 43 45  
COUNTER NUMBER 5219

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 187.9  
AMBIENT TEMPERATURE (DEG K) 255.7  
  
SAMPLED VOLUME (CM\*\*3) 69.0  
SAMPLE INTERVAL (M) 1127.4  
NUMBER DENSITY (NO/CM\*\*3) .43  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.058
7.0 - 9.0	.065
9.0 - 12.0	.058
12.0 - 16.0	.011
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 42  
DATE 17 JAN 1972  
TIME 20 43 51  
COUNTER NUMBER 5224

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 193.1  
AMBIENT TEMPERATURE (DEG K) 255.5  
  
SAMPLED VOLUME (CM\*\*3) 71.0  
SAMPLE INTERVAL (M) 1142.9  
NUMBER DENSITY (NO/CM\*\*3) 4.49  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.732
7.0 - 9.0	.373
9.0 - 12.0	.188
12.0 - 16.0	.063
16.0 - 21.0	.141
21.0 - 28.0	.131
28.0 - 36.0	.026
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 43  
DATE 17 JAN 1972  
TIME 20 43 55  
COUNTER NUMBER 5227

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 200.8  
AMBIENT TEMPERATURE (DEG K) 255.5  
  
SAMPLED VOLUME (CM\*\*3) 73.0  
SAMPLE INTERVAL (M) 787.6  
NUMBER DENSITY (NO/CM\*\*3) 11.08  
LIQ. WATER CONTENT (GM/M\*\*3) .042

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.393
7.0 - 9.0	.616
9.0 - 12.0	.114
12.0 - 16.0	.233
16.0 - 21.0	.263
21.0 - 28.0	.421
28.0 - 36.0	.091
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 44  
DATE 17 JAN 1972  
TIME 20 50 0  
COUNTER NUMBER 5444

AIRCRAFT ALTITUDE (KM) 5.8  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 260.2  
  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 4.43  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.602
7.0 - 9.0	.451
9.0 - 12.0	.259
12.0 - 16.0	.226
16.0 - 21.0	.078
21.0 - 28.0	.079
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 45  
DATE 17 JAN 1972  
TIME 20 50 5  
COUNTER NUMBER 5448

AIRCRAFT ALTITUDE (KM) 5.8  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 260.2  
  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 991.0  
NUMBER DENSITY (NO/CM\*\*3) 13.94  
LIQ. WATER CONTENT (GM/M\*\*3) .055

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.556
7.0 - 9.0	1.104
9.0 - 12.0	.606
12.0 - 16.0	.347
16.0 - 21.0	.417
21.0 - 28.0	.409
28.0 - 36.0	.151
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 46  
DATE 17 JAN 1972  
TIME 20 50 10  
COUNTER NUMBER 5452

AIRCRAFT ALTITUDE (KM) 5.8  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 260.2  
  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 991.0  
NUMBER DENSITY (NO/CM\*\*3) 10.64  
LIQ. WATER CONTENT (GM/M\*\*3) .025

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.093
7.0 - 9.0	.799
9.0 - 12.0	.491
12.0 - 16.0	.455
16.0 - 21.0	.519
21.0 - 28.0	.204
28.0 - 36.0	.010
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 47  
DATE 17 JAN 1972  
TIME 20 50 15  
COUNTER NUMBER 5456

AIRCRAFT ALTITUDE (KM) 5.8  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 260.2  
  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 991.0  
NUMBER DENSITY (NO/CM\*\*3) 7.35  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.324
7.0 - 9.0	1.736
9.0 - 12.0	.329
12.0 - 16.0	.205
16.0 - 21.0	.017
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 48  
DATE 17 JAN 1972  
TIME 20 50 20  
COUNTER NUMBER 5460

AIRCRAFT ALTITUDE (KM) 5.8  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 260.2  
  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 991.0  
NUMBER DENSITY (NO/CM\*\*3) 14.93  
LIQ. WATER CONTENT (GM/M\*\*3) .039

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.352
7.0 - 9.0	1.215
9.0 - 12.0	.491
12.0 - 16.0	.573
16.0 - 21.0	.867
21.0 - 28.0	.310
28.0 - 36.0	.026
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 002 49  
DATE 17 JAN 1972  
TIME 20 50 25  
COUNTER NUMBER 5464

AIRCRAFT ALTITUDE (KM) 5.8  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 260.1  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 991.0  
NUMBER DENSITY (NO/CM\*\*3) 15.97  
LIQ. WATER CONTENT (GM/M\*\*3) .040

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.954
7.0 - 9.0	.931
9.0 - 12.0	.736
12.0 - 16.0	1.115
16.0 - 21.0	.728
21.0 - 28.0	.321
28.0 - 36.0	.016
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 50  
DATE 17 JAN 1972  
TIME 20 50 30  
COUNTER NUMBER 5469

AIRCRAFT ALTITUDE (KM) 5.8  
AIRCRAFT VELOCITY (M/S) 195.6  
AMBIENT TEMPERATURE (DEG K) 260.1  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 984.6  
NUMBER DENSITY (NO/CM\*\*3) 15.18  
LIQ. WATER CONTENT (GM/M\*\*3) .036

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.352
7.0 - 9.0	.910
9.0 - 12.0	.444
12.0 - 16.0	.767
16.0 - 21.0	1.030
21.0 - 28.0	.234
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 51  
DATE 17 JAN 1972  
TIME 20 50 35  
COUNTER NUMBER 5475

AIRCRAFT ALTITUDE (KM) 5.8  
AIRCRAFT VELOCITY (M/S) 195.6  
AMBIENT TEMPERATURE (DEG K) 259.9  
SAMPLED VOLUME (CM\*\*3) 146.0  
SAMPLE INTERVAL (M) 978.1  
NUMBER DENSITY (NO/CM\*\*3) 6.22  
LIQ. WATER CONTENT (GM/M\*\*3) .019

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.301
7.0 - 9.0	.378
9.0 - 12.0	0.000
12.0 - 16.0	.363
16.0 - 21.0	.499
21.0 - 28.0	.152
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 52  
DATE 17 JAN 1972  
TIME 20 50 40  
COUNTER NUMBER 5477

AIRCRAFT ALTITUDE (KM) 5.8  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 259.7  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 984.6  
NUMBER DENSITY (NO/CM\*\*3) 16.64  
LIQ. WATER CONTENT (GM/M\*\*3) .027

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.806
7.0 - 9.0	.604
9.0 - 12.0	1.157
12.0 - 16.0	1.573
16.0 - 21.0	.850
21.0 - 28.0	.030
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 53  
DATE 17 JAN 1972  
TIME 20 50 45  
COUNTER NUMBER 5481

AIRCRAFT ALTITUDE (KM) 5.8  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 260.0  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 991.0  
NUMBER DENSITY (NO/CM\*\*3) 13.32  
LIQ. WATER CONTENT (GM/M\*\*3) .019

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.093
7.0 - 9.0	1.236
9.0 - 12.0	1.444
12.0 - 16.0	.694
16.0 - 21.0	.267
21.0 - 28.0	.091
28.0 - 36.0	.016
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 54  
DATE 17 JAN 1972  
TIME 20 50 50  
COUNTER NUMBER 5486

AIRCRAFT ALTITUDE (KM) 5.8  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 260.2  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 991.0  
NUMBER DENSITY (NO/CM\*\*3) 1.97  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.546
7.0 - 9.0	.215
9.0 - 12.0	.116
12.0 - 16.0	.073
16.0 - 21.0	.008
21.0 - 28.0	.006
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 55  
DATE 17 JAN 1972  
TIME 20 50 55  
COUNTER NUMBER 5490

AIRCRAFT ALTITUDE (KM) 5.8  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 260.1  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 991.0  
NUMBER DENSITY (NO/CM\*\*3) 8.49  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.083
7.0 - 9.0	2.083
9.0 - 12.0	.329
12.0 - 16.0	.031
16.0 - 21.0	0.000
21.0 - 28.0	.012
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 56  
DATE 17 JAN 1972  
TIME 20 51 0  
COUNTER NUMBER 5494

AIRCRAFT ALTITUDE (KM) 5.8  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 260.1  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 991.0  
NUMBER DENSITY (NO/CM\*\*3) 11.94  
LIQ. WATER CONTENT (GM/M\*\*3) .009

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.787
7.0 - 9.0	2.104
9.0 - 12.0	1.199
12.0 - 16.0	.323
16.0 - 21.0	.008
21.0 - 28.0	.006
28.0 - 36.0	.005
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 57  
DATE 17 JAN 1972  
TIME 20 54 45  
COUNTER NUMBER 5656

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 267.8  
SAMPLED VOLUME (CM\*\*3) 134.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 3.45  
LIQ. WATER CONTENT (GM/M\*\*3) .013

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.726
7.0 - 9.0	.336
9.0 - 12.0	.052
12.0 - 16.0	.058
16.0 - 21.0	.121
21.0 - 28.0	.053
28.0 - 36.0	.035
36.0 - 47.0	.002
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 58  
DATE 17 JAN 1972  
TIME 20 54 47  
COUNTER NUMBER 5657

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 267.9  
SAMPLED VOLUME (CM\*\*3) 201.0  
SAMPLE INTERVAL (M) 360.4  
NUMBER DENSITY (NO/CM\*\*3) 1.67  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.342
7.0 - 9.0	.092
9.0 - 12.0	.093
12.0 - 16.0	.022
16.0 - 21.0	.006
21.0 - 28.0	.058
28.0 - 36.0	.021
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 59  
DATE 17 JAN 1972  
TIME 20 54 50  
COUNTER NUMBER 5658

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 268.2  
SAMPLED VOLUME (CM\*\*3) 134.0  
SAMPLE INTERVAL (M) 540.5  
NUMBER DENSITY (NO/CM\*\*3) 1.64  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.279
7.0 - 9.0	.160
9.0 - 12.0	.052
12.0 - 16.0	.028
16.0 - 21.0	.027
21.0 - 28.0	.046
28.0 - 36.0	.014
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 002 60  
DATE 17 JAN 1972  
TIME 20 54 52  
COUNTER NUMBER 5659

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 268.3  
SAMPLED VOLUME (CM\*\*3) 134.0  
SAMPLE INTERVAL (M) 360.4  
NUMBER DENSITY (NO/CM\*\*3) 2.10  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.373
7.0 - 9.0	.243
9.0 - 12.0	.062
12.0 - 16.0	.028
16.0 - 21.0	.042
21.0 - 28.0	.046
28.0 - 36.0	.026
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 002 61  
DATE 17 JAN 1972  
TIME 20 54 54  
COUNTER NUMBER 5660

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 268.3

SAMPLED VOLUME (CM\*\*3) 134.0  
SAMPLE INTERVAL (M) 360.4  
NUMBER DENSITY (NO/CM\*\*3) 4.37  
LIQ. WATER CONTENT (GM/M\*\*3) .017

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.149
7.0 - 9.0	.466
9.0 - 12.0	.132
12.0 - 16.0	.022
16.0 - 21.0	.051
21.0 - 28.0	.039
28.0 - 36.0	.076
36.0 - 47.0	.008
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 62  
DATE 17 JAN 1972  
TIME 20 54 56  
COUNTER NUMBER 5661

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 268.4

SAMPLED VOLUME (CM\*\*3) 134.0  
SAMPLE INTERVAL (M) 360.4  
NUMBER DENSITY (NO/CM\*\*3) 6.23  
LIQ. WATER CONTENT (GM/M\*\*3) .023

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.537
7.0 - 9.0	.604
9.0 - 12.0	.124
12.0 - 16.0	.058
16.0 - 21.0	.079
21.0 - 28.0	.149
28.0 - 36.0	.076
36.0 - 47.0	.006
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 63  
DATE 17 JAN 1972  
TIME 20 55 1  
COUNTER NUMBER 5663

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 268.6

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 2.84  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.647
7.0 - 9.0	.343
9.0 - 12.0	.060
12.0 - 16.0	.104
16.0 - 21.0	.063
21.0 - 28.0	.032
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 64  
DATE 17 JAN 1972  
TIME 20 55 2  
COUNTER NUMBER 5664

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 268.6

SAMPLED VOLUME (CM\*\*3) 201.0  
SAMPLE INTERVAL (M) 180.2  
NUMBER DENSITY (NO/CM\*\*3) 1.41  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.371
7.0 - 9.0	.114
9.0 - 12.0	.015
12.0 - 16.0	.019
16.0 - 21.0	.034
21.0 - 28.0	.026
28.0 - 36.0	.016
36.0 - 47.0	.001
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 65  
DATE 17 JAN 1972  
TIME 20 55 5  
COUNTER NUMBER 5665

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 268.8

SAMPLED VOLUME (CM\*\*3) 201.0  
SAMPLE INTERVAL (M) 540.5  
NUMBER DENSITY (NO/CM\*\*3) 1.25  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.299
7.0 - 9.0	.085
9.0 - 12.0	.046
12.0 - 16.0	.031
16.0 - 21.0	.031
21.0 - 28.0	.018
28.0 - 36.0	.011
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 66  
DATE 17 JAN 1972  
TIME 20 55 12  
COUNTER NUMBER 5668

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 182.8  
AMBIENT TEMPERATURE (DEG K) 268.7

SAMPLED VOLUME (CM\*\*3) 136.0  
SAMPLE INTERVAL (M) 1270.3  
NUMBER DENSITY (NO/CM\*\*3) 1.60  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.152
7.0 - 9.0	.287
9.0 - 12.0	.061
12.0 - 16.0	.057
16.0 - 21.0	.037
21.0 - 28.0	.022
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 67  
DATE 17 JAN 1972  
TIME 20 55 16  
COUNTER NUMBER 5674

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 268.9

SAMPLED VOLUME (CM\*\*3) 134.0  
SAMPLE INTERVAL (M) 1088.8  
NUMBER DENSITY (NO/CM\*\*3) 2.04  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.512
7.0 - 9.0	.243
9.0 - 12.0	.062
12.0 - 16.0	.052
16.0 - 21.0	.018
21.0 - 28.0	.027
28.0 - 36.0	.011
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 68  
DATE 17 JAN 1972  
TIME 20 55 23  
COUNTER NUMBER 5673

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 269.9

SAMPLED VOLUME (CM\*\*3) 134.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 4.27  
LIQ. WATER CONTENT (GM/M\*\*3) .018

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.791
7.0 - 9.0	.325
9.0 - 12.0	.169
12.0 - 16.0	.069
16.0 - 21.0	.093
21.0 - 28.0	.107
28.0 - 36.0	.049
36.0 - 47.0	.002
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 69  
DATE 17 JAN 1972  
TIME 20 55 27  
COUNTER NUMBER 5675

AIRCRAFT ALTITUDE (KM) 3.4  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 270.0

SAMPLED VOLUME (CM\*\*3) 134.0  
SAMPLE INTERVAL (M) 720.7  
NUMBER DENSITY (NO/CM\*\*3) 2.78  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.557
7.0 - 9.0	.231
9.0 - 12.0	.062
12.0 - 16.0	.022
16.0 - 21.0	.084
21.0 - 28.0	.083
28.0 - 36.0	.026
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 70  
DATE 17 JAN 1972  
TIME 20 55 31  
COUNTER NUMBER 5677

AIRCRAFT ALTITUDE (KM) 3.4  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 270.1

SAMPLED VOLUME (CM\*\*3) 134.0  
SAMPLE INTERVAL (M) 720.7  
NUMBER DENSITY (NO/CM\*\*3) 1.72  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.433
7.0 - 9.0	.187
9.0 - 12.0	.045
12.0 - 16.0	.022
16.0 - 21.0	.018
21.0 - 28.0	.039
28.0 - 36.0	.008
36.0 - 47.0	.002
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 71  
DATE 17 JAN 1972  
TIME 20 55 36  
COUNTER NUMBER 5679

AIRCRAFT ALTITUDE (KM) 3.4  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 270.1

SAMPLED VOLUME (CM\*\*3) 134.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 2.38  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.542
7.0 - 9.0	.280
9.0 - 12.0	.092
12.0 - 16.0	.058
16.0 - 21.0	.060
21.0 - 28.0	.019
28.0 - 36.0	.008
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 72  
DATE 17 JAN 1972  
TIME 20 55 40  
COUNTER NUMBER 5681

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 270.1

SAMPLED VOLUME (CM\*\*3) 134.0  
SAMPLE INTERVAL (M) 720.7  
NUMBER DENSITY (NO/CM\*\*3) 1.63  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.338
7.0 - 9.0	.220
9.0 - 12.0	.092
12.0 - 16.0	.058
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	.011
36.0 - 47.0	.006
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 002 73  
DATE 17 JAN 1972  
TIME 20 55 58  
COUNTER NUMBER 5689

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 271.2

SAMPLED VOLUME (CM\*\*3) 134.0  
SAMPLE INTERVAL (M) 3243.2  
NUMBER DENSITY (NO/CM\*\*3) 2.63  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.527
7.0 - 9.0	.291
9.0 - 12.0	.139
12.0 - 16.0	.104
16.0 - 21.0	.031
21.0 - 28.0	.022
28.0 - 36.0	.008
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 74  
DATE 17 JAN 1972  
TIME 20 56 0  
COUNTER NUMBER 5690

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 271.3

SAMPLED VOLUME (CM\*\*3) 134.0  
SAMPLE INTERVAL (M) 360.4  
NUMBER DENSITY (NO/CM\*\*3) 4.81  
LIQ. WATER CONTENT (GM/M\*\*3) .013

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.871
7.0 - 9.0	.582
9.0 - 12.0	.348
12.0 - 16.0	.157
16.0 - 21.0	.042
21.0 - 28.0	.033
28.0 - 36.0	.023
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 002 75  
DATE 17 JAN 1972  
TIME 20 58 1  
COUNTER NUMBER 5745

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 277.8

SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .80  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.265
7.0 - 9.0	.024
9.0 - 12.0	.024
12.0 - 16.0	.024
16.0 - 21.0	.014
21.0 - 28.0	.010
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 76  
DATE 17 JAN 1972  
TIME 20 58 5  
COUNTER NUMBER 5747

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 277.8

SAMPLED VOLUME (CM\*\*3) 128.0  
SAMPLE INTERVAL (M) 674.4  
NUMBER DENSITY (NO/CM\*\*3) .90  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.177
7.0 - 9.0	.047
9.0 - 12.0	.055
12.0 - 16.0	.035
16.0 - 21.0	.023
21.0 - 28.0	.010
28.0 - 36.0	0.000
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 77  
DATE 17 JAN 1972  
TIME 20 58 10  
COUNTER NUMBER 5749

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 277.9

SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 843.0  
NUMBER DENSITY (NO/CM\*\*3) 1.33  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.280
7.0 - 9.0	.083
9.0 - 12.0	.106
12.0 - 16.0	.042
16.0 - 21.0	.033
21.0 - 28.0	.007
28.0 - 36.0	.003
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 78  
DATE 17 JAN 1972  
TIME 20 58 14  
COUNTER NUMBER 5751

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 278.0

SAMPLED VOLUME (CM\*\*3) 128.0  
SAMPLE INTERVAL (M) 674.4  
NUMBER DENSITY (NO/CM\*\*3) 1.25  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.260
7.0 - 9.0	.168
9.0 - 12.0	.073
12.0 - 16.0	.012
16.0 - 21.0	.023
21.0 - 28.0	.003
28.0 - 36.0	.009
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 79  
DATE 17 JAN 1972  
TIME 20 58 19  
COUNTER NUMBER 5753

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 278.2

SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 843.0  
NUMBER DENSITY (NO/CM\*\*3) 4.05  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.942
7.0 - 9.0	.444
9.0 - 12.0	.230
12.0 - 16.0	.111
16.0 - 21.0	.049
21.0 - 28.0	.032
28.0 - 36.0	.015
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 80  
DATE 17 JAN 1972  
TIME 20 58 24  
COUNTER NUMBER 5755

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 278.0

SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 9.92  
LIQ. WATER CONTENT (GM/M\*\*3) .013

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.984
7.0 - 9.0	1.214
9.0 - 12.0	.651
12.0 - 16.0	.310
16.0 - 21.0	.163
21.0 - 28.0	.045
28.0 - 36.0	.021
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 81  
DATE 17 JAN 1972  
TIME 20 58 28  
COUNTER NUMBER 5757

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 277.6

SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 669.2  
NUMBER DENSITY (NO/CM\*\*3) 9.64  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.444
7.0 - 9.0	1.052
9.0 - 12.0	.561
12.0 - 16.0	.278
16.0 - 21.0	.138
21.0 - 28.0	.039
28.0 - 36.0	.012
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 82  
DATE 17 JAN 1972  
TIME 20 58 30  
COUNTER NUMBER 5756

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 277.5

SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 334.6  
NUMBER DENSITY (NO/CM\*\*3) 9.25  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.767
7.0 - 9.0	1.460
9.0 - 12.0	.413
12.0 - 16.0	.397
16.0 - 21.0	.089
21.0 - 28.0	.035
28.0 - 36.0	.021
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 83  
DATE 17 JAN 1972  
TIME 20 58 35  
COUNTER NUMBER 5760

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 277.7

SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 4.25  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.873
7.0 - 9.0	.456
9.0 - 12.0	.272
12.0 - 16.0	.161
16.0 - 21.0	.049
21.0 - 28.0	.032
28.0 - 36.0	.009
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 84  
DATE 17 JAN 1972  
TIME 20 58 38  
COUNTER NUMBER 5762

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 277.8

SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 501.9  
NUMBER DENSITY (NO/CM\*\*3) 5.81  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.106
7.0 - 9.0	.893
9.0 - 12.0	.370
12.0 - 16.0	.161
16.0 - 21.0	.079
21.0 - 28.0	.024
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 002 85  
DATE 17 JAN 1972  
TIME 20 56 43  
COUNTER NUMBER 5764  
  
AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 277.9  
  
SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 29.09  
LIQ. WATER CONTENT (GM/M\*\*3) .029  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.497
7.0 - 9.0	4.425
9.0 - 12.0	1.487
12.0 - 16.0	.829
16.0 - 21.0	.302
21.0 - 28.0	.130
28.0 - 36.0	.034
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 86  
DATE 17 JAN 1972  
TIME 20 58 47  
COUNTER NUMBER 5766  
  
AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 278.1  
  
SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 669.2  
NUMBER DENSITY (NO/CM\*\*3) 39.65  
LIQ. WATER CONTENT (GM/M\*\*3) .044  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.159
7.0 - 9.0	5.726
9.0 - 12.0	2.098
12.0 - 16.0	.998
16.0 - 21.0	.535
21.0 - 28.0	.130
28.0 - 36.0	.056
36.0 - 47.0	.013
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 87  
DATE 17 JAN 1972  
TIME 20 58 52  
COUNTER NUMBER 5768  
  
AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 278.2  
  
SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 29.62  
LIQ. WATER CONTENT (GM/M\*\*3) .029  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.614
7.0 - 9.0	4.313
9.0 - 12.0	1.728
12.0 - 16.0	.700
16.0 - 21.0	.402
21.0 - 28.0	.127
28.0 - 36.0	.015
36.0 - 47.0	.006
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 88  
DATE 17 JAN 1972  
TIME 20 56 56  
COUNTER NUMBER 5770  
  
AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 278.3  
  
SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 669.2  
NUMBER DENSITY (NO/CM\*\*3) 21.11  
LIQ. WATER CONTENT (GM/M\*\*3) .020  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.942
7.0 - 9.0	2.837
9.0 - 12.0	1.288
12.0 - 16.0	.569
16.0 - 21.0	.238
21.0 - 28.0	.063
28.0 - 36.0	.031
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 89  
DATE 17 JAN 1972  
TIME 20 59 0  
COUNTER NUMBER 5772  
  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 278.4  
  
SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 669.2  
NUMBER DENSITY (NO/CM\*\*3) 24.32  
LIQ. WATER CONTENT (GM/M\*\*3) .030  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.767
7.0 - 9.0	3.258
9.0 - 12.0	1.413
12.0 - 16.0	.631
16.0 - 21.0	.232
21.0 - 28.0	.113
28.0 - 36.0	.043
36.0 - 47.0	.006
47.0 - 62.0	.002
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 90  
DATE 17 JAN 1972  
TIME 20 59 5  
COUNTER NUMBER 5774  
  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 278.4  
  
SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 21.05  
LIQ. WATER CONTENT (GM/M\*\*3) .026  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.989
7.0 - 9.0	2.552
9.0 - 12.0	1.132
12.0 - 16.0	.637
16.0 - 21.0	.292
21.0 - 28.0	.105
28.0 - 36.0	.028
36.0 - 47.0	.009
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 91  
DATE 17 JAN 1972  
TIME 20 59 9  
COUNTER NUMBER 5776  
  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 278.4  
  
SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 669.2  
NUMBER DENSITY (NO/CM\*\*3) 14.51  
LIQ. WATER CONTENT (GM/M\*\*3) .019  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.021
7.0 - 9.0	2.183
9.0 - 12.0	.743
12.0 - 16.0	.438
16.0 - 21.0	.168
21.0 - 28.0	.070
28.0 - 36.0	.028
36.0 - 47.0	.006
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 92  
DATE 17 JAN 1972  
TIME 20 59 14  
COUNTER NUMBER 5778  
  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 278.5  
  
SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 11.94  
LIQ. WATER CONTENT (GM/M\*\*3) .016  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.841
7.0 - 9.0	1.635
9.0 - 12.0	.585
12.0 - 16.0	.272
16.0 - 21.0	.143
21.0 - 28.0	.095
28.0 - 36.0	.018
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 93  
DATE 17 JAN 1972  
TIME 20 59 19  
COUNTER NUMBER 5780  
  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 278.7  
  
SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 5.54  
LIQ. WATER CONTENT (GM/M\*\*3) .007  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.074
7.0 - 9.0	.742
9.0 - 12.0	.347
12.0 - 16.0	.161
16.0 - 21.0	.084
21.0 - 28.0	.032
28.0 - 36.0	.015
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 94  
DATE 17 JAN 1972  
TIME 20 59 23  
COUNTER NUMBER 5782  
  
AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 278.8  
  
SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 669.2  
NUMBER DENSITY (NO/CM\*\*3) 1.32  
LIQ. WATER CONTENT (GM/M\*\*3) .002  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.265
7.0 - 9.0	.159
9.0 - 12.0	.082
12.0 - 16.0	.030
16.0 - 21.0	.033
21.0 - 28.0	.007
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 95  
DATE 17 JAN 1972  
TIME 20 59 28  
COUNTER NUMBER 5784  
  
AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 279.0  
  
SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) .38  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.079
7.0 - 9.0	.012
9.0 - 12.0	.040
12.0 - 16.0	.012
16.0 - 21.0	.014
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 96  
DATE 17 JAN 1972  
TIME 20 59 31  
COUNTER NUMBER 5786  
  
AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 279.1  
  
SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 501.9  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.016
7.0 - 9.0	.060
9.0 - 12.0	.008
12.0 - 16.0	.006
16.0 - 21.0	.010
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 97  
DATE 17 JAN 1972  
TIME 20 59 36  
COUNTER NUMBER 5788

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 279.9  
SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) .12  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.063
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.006
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 98  
DATE 17 JAN 1972  
TIME 20 59 40  
COUNTER NUMBER 5790

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 280.0  
SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 669.2  
NUMBER DENSITY (NO/CM\*\*3) .02  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.012
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 99  
DATE 17 JAN 1972  
TIME 21 2 40  
COUNTER NUMBER 5822

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 280.5  
SAMPLED VOLUME (CM\*\*3) 104.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .58  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.038
7.0 - 9.0	.072
9.0 - 12.0	.029
12.0 - 16.0	.007
16.0 - 21.0	.012
21.0 - 28.0	.007
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 100  
DATE 17 JAN 1972  
TIME 21 2 44  
COUNTER NUMBER 5824

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 280.4  
SAMPLED VOLUME (CM\*\*3) 104.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) .46  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.019
7.0 - 9.0	.014
9.0 - 12.0	.019
12.0 - 16.0	.022
16.0 - 21.0	.012
21.0 - 28.0	.008
28.0 - 36.0	.011
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 101  
DATE 17 JAN 1972  
TIME 21 2 46  
COUNTER NUMBER 5826

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 280.4  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 257.4  
NUMBER DENSITY (NO/CM\*\*3) 1.10  
LIQ. WATER CONTENT (GM/M\*\*3) .015

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.154
7.0 - 9.0	.058
9.0 - 12.0	0.000
12.0 - 16.0	.014
16.0 - 21.0	.023
21.0 - 28.0	.025
28.0 - 36.0	.007
36.0 - 47.0	.031
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 102  
DATE 17 JAN 1972  
TIME 21 2 50  
COUNTER NUMBER 5829

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 280.4  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) 1.44  
LIQ. WATER CONTENT (GM/M\*\*3) .022

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.154
7.0 - 9.0	.115
9.0 - 12.0	.019
12.0 - 16.0	.014
16.0 - 21.0	.012
21.0 - 28.0	.025
28.0 - 36.0	.036
36.0 - 47.0	.026
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 103  
DATE 17 JAN 1972  
TIME 21 3 56  
COUNTER NUMBER 5834

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 280.4  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 1.62  
LIQ. WATER CONTENT (GM/M\*\*3) .020

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.192
7.0 - 9.0	.029
9.0 - 12.0	.077
12.0 - 16.0	0.000
16.0 - 21.0	.023
21.0 - 28.0	.041
28.0 - 36.0	.036
36.0 - 47.0	.031
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 104  
DATE 17 JAN 1972  
TIME 21 3 0  
COUNTER NUMBER 5838

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 280.4  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) 2.88  
LIQ. WATER CONTENT (GM/M\*\*3) .033

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.551
7.0 - 9.0	.240
9.0 - 12.0	.115
12.0 - 16.0	.087
16.0 - 21.0	.012
21.0 - 28.0	.008
28.0 - 36.0	.014
36.0 - 47.0	.049
47.0 - 62.0	.008
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 105  
DATE 17 JAN 1972  
TIME 21 3 5  
COUNTER NUMBER 5842

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 280.1  
SAMPLED VOLUME (CM\*\*3) 104.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 1.32  
LIQ. WATER CONTENT (GM/M\*\*3) .019

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.276
7.0 - 9.0	.135
9.0 - 12.0	.029
12.0 - 16.0	.014
16.0 - 21.0	.012
21.0 - 28.0	.012
28.0 - 36.0	.011
36.0 - 47.0	.010
47.0 - 62.0	.010
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 106  
DATE 17 JAN 1972  
TIME 21 3 10  
COUNTER NUMBER 5846

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 279.9  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 3.10  
LIQ. WATER CONTENT (GM/M\*\*3) .056

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.513
7.0 - 9.0	.202
9.0 - 12.0	.096
12.0 - 16.0	.058
16.0 - 21.0	.023
21.0 - 28.0	.049
28.0 - 36.0	.029
36.0 - 47.0	.021
47.0 - 62.0	.032
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 107  
DATE 17 JAN 1972  
TIME 21 3 15  
COUNTER NUMBER 5850

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 279.9  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 1.63  
LIQ. WATER CONTENT (GM/M\*\*3) .016

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.115
7.0 - 9.0	.298
9.0 - 12.0	.019
12.0 - 16.0	.043
16.0 - 21.0	.046
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	.037
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 108  
DATE 17 JAN 1972  
TIME 21 3 20  
COUNTER NUMBER 5854

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 279.9  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) .63  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.038
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.035
21.0 - 28.0	.016
28.0 - 36.0	.022
36.0 - 47.0	.005
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 002 109  
DATE 17 JAN 1972  
TIME 21 3 25  
COUNTER NUMBER 5858

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 279.8  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 1.21  
LIQ. WATER CONTENT (GM/M\*\*3) .016

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.173
9.0 - 12.0	.019
12.0 - 16.0	.014
16.0 - 21.0	.035
21.0 - 28.0	.025
28.0 - 36.0	.022
36.0 - 47.0	.016
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 110  
DATE 17 JAN 1972  
TIME 21 3 30  
COUNTER NUMBER 5862

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 279.8  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 630.6  
NUMBER DENSITY (NO/CM\*\*3) 1.43  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.196
7.0 - 9.0	.059
9.0 - 12.0	.078
12.0 - 16.0	0.000
16.0 - 21.0	.024
21.0 - 28.0	.078
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 111  
DATE 17 JAN 1972  
TIME 21 10 0  
COUNTER NUMBER 6086

AIRCRAFT ALTITUDE (KM) 3.4  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 272.1  
  
SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 4.11  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.219
7.0 - 9.0	.508
9.0 - 12.0	.177
12.0 - 16.0	.109
16.0 - 21.0	.194
21.0 - 28.0	.112
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 112  
DATE 17 JAN 1972  
TIME 21 10 5  
COUNTER NUMBER 6090

AIRCRAFT ALTITUDE (KM) 3.4  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 272.0  
  
SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 849.4  
NUMBER DENSITY (NO/CM\*\*3) 3.22  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.448
7.0 - 9.0	.289
9.0 - 12.0	.146
12.0 - 16.0	.098
16.0 - 21.0	.037
21.0 - 28.0	.096
28.0 - 36.0	.035
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 113  
DATE 17 JAN 1972  
TIME 21 10 10  
COUNTER NUMBER 6094

AIRCRAFT ALTITUDE (KM) 3.4  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 271.9  
  
SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 849.4  
NUMBER DENSITY (NO/CM\*\*3) 23.03  
LIQ. WATER CONTENT (GM/M\*\*3) .117

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.125
7.0 - 9.0	2.313
9.0 - 12.0	.714
12.0 - 16.0	.340
16.0 - 21.0	.019
21.0 - 28.0	.627
28.0 - 36.0	.494
36.0 - 47.0	.026
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 114  
DATE 17 JAN 1972  
TIME 21 10 15  
COUNTER NUMBER 6098

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 271.6  
  
SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 849.4  
NUMBER DENSITY (NO/CM\*\*3) 2.27  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.521
7.0 - 9.0	.242
9.0 - 12.0	.146
12.0 - 16.0	.047
16.0 - 21.0	.028
21.0 - 28.0	.027
28.0 - 36.0	0.000
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 115  
DATE 17 JAN 1972  
TIME 21 10 20  
COUNTER NUMBER 6102

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 271.3  
  
SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 849.4  
NUMBER DENSITY (NO/CM\*\*3) 6.33  
LIQ. WATER CONTENT (GM/M\*\*3) .026

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.135
7.0 - 9.0	.750
9.0 - 12.0	.177
12.0 - 16.0	.047
16.0 - 21.0	.253
21.0 - 28.0	.047
28.0 - 36.0	.090
36.0 - 47.0	.004
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 116  
DATE 17 JAN 1972  
TIME 21 10 25  
COUNTER NUMBER 6106

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 271.0  
  
SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 849.4  
NUMBER DENSITY (NO/CM\*\*3) 6.59  
LIQ. WATER CONTENT (GM/M\*\*3) .021

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.938
7.0 - 9.0	.656
9.0 - 12.0	.016
12.0 - 16.0	.207
16.0 - 21.0	.331
21.0 - 28.0	.152
28.0 - 36.0	.029
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 117  
DATE 17 JAN 1972  
TIME 21 10 30  
COUNTER NUMBER 6111

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 172.5  
AMBIENT TEMPERATURE (DEG K) 270.7  
  
SAMPLED VOLUME (CM\*\*3) 65.0  
SAMPLE INTERVAL (M) 855.9  
NUMBER DENSITY (NO/CM\*\*3) 2.82  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.513
7.0 - 9.0	.308
9.0 - 12.0	.144
12.0 - 16.0	.096
16.0 - 21.0	.077
21.0 - 28.0	.020
28.0 - 36.0	.012
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 118  
DATE 17 JAN 1972  
TIME 21 10 35  
COUNTER NUMBER 6115

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 270.4  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 881.6  
NUMBER DENSITY (NO/CM\*\*3) 4.91  
LIQ. WATER CONTENT (GM/M\*\*3) .019

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.866
7.0 - 9.0	.463
9.0 - 12.0	.139
12.0 - 16.0	.198
16.0 - 21.0	.101
21.0 - 28.0	.053
28.0 - 36.0	.058
36.0 - 47.0	.012
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 119  
DATE 17 JAN 1972  
TIME 21 10 40  
COUNTER NUMBER 6119

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 270.0  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) .85  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.149
7.0 - 9.0	.067
9.0 - 12.0	.045
12.0 - 16.0	.045
16.0 - 21.0	.027
21.0 - 28.0	.006
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 120  
DATE 17 JAN 1972  
TIME 21 10 45  
COUNTER NUMBER 6123

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 269.9  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 1.46  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.428
7.0 - 9.0	.045
9.0 - 12.0	.139
12.0 - 16.0	.011
16.0 - 21.0	.036
21.0 - 28.0	0.000
28.0 - 36.0	.011
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 002 121  
DATE 17 JAN 1972  
TIME 21 10 50  
COUNTER NUMBER 6128

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 269.7  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) .85  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.209
7.0 - 9.0	.112
9.0 - 12.0	.015
12.0 - 16.0	.011
16.0 - 21.0	.036
21.0 - 28.0	.006
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 122  
DATE 17 JAN 1972  
TIME 21 10 55  
COUNTER NUMBER 6132

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 269.5  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 13.72  
LIQ. WATER CONTENT (GM/M\*\*3) .020

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.547
7.0 - 9.0	2.396
9.0 - 12.0	.776
12.0 - 16.0	.593
16.0 - 21.0	.343
21.0 - 28.0	.060
28.0 - 36.0	.034
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 123  
DATE 17 JAN 1972  
TIME 21 11 0  
COUNTER NUMBER 6136

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 269.2  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 84.49  
LIQ. WATER CONTENT (GM/M\*\*3) .121

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	23.562
7.0 - 9.0	7.881
9.0 - 12.0	3.900
12.0 - 16.0	2.410
16.0 - 21.0	1.239
21.0 - 28.0	.539
28.0 - 36.0	.226
36.0 - 47.0	.024
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 124  
DATE 17 JAN 1972  
TIME 21 11 5  
COUNTER NUMBER 6140

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 269.5  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 56.15  
LIQ. WATER CONTENT (GM/M\*\*3) .082

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	12.060
7.0 - 9.0	7.276
9.0 - 12.0	2.876
12.0 - 16.0	1.664
16.0 - 21.0	.791
21.0 - 28.0	.439
28.0 - 36.0	.127
36.0 - 47.0	.016
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 125  
DATE 17 JAN 1972  
TIME 21 11 10  
COUNTER NUMBER 6144

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 267.7  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 100.60  
LIQ. WATER CONTENT (GM/M\*\*3) .196

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	23.313
7.0 - 9.0	13.149
9.0 - 12.0	4.134
12.0 - 16.0	2.388
16.0 - 21.0	1.370
21.0 - 28.0	.853
28.0 - 36.0	.524
36.0 - 47.0	.024
47.0 - 62.0	.003
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 002 126  
DATE 17 JAN 1972  
TIME 21 11 15  
COUNTER NUMBER 6148

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 267.6  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 47.76  
LIQ. WATER CONTENT (GM/M\*\*3) .077

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.980
7.0 - 9.0	6.500
9.0 - 12.0	2.254
12.0 - 16.0	1.291
16.0 - 21.0	.716
21.0 - 28.0	.426
28.0 - 36.0	.146
36.0 - 47.0	.012
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 127  
DATE 17 JAN 1972  
TIME 21 11 20  
COUNTER NUMBER 6152

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 267.4  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 15.91  
LIQ. WATER CONTENT (GM/M\*\*3) .038

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.328
7.0 - 9.0	1.418
9.0 - 12.0	.915
12.0 - 16.0	.466
16.0 - 21.0	.567
21.0 - 28.0	.220
28.0 - 36.0	.069
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 128  
DATE 17 JAN 1972  
TIME 21 11 25  
COUNTER NUMBER 6156

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 267.0  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 15.66  
LIQ. WATER CONTENT (GM/M\*\*3) .047

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.383
7.0 - 9.0	1.351
9.0 - 12.0	.498
12.0 - 16.0	.429
16.0 - 21.0	.343
21.0 - 28.0	.258
28.0 - 36.0	.127
36.0 - 47.0	.012
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 129  
DATE 17 JAN 1972  
TIME 21 11 30  
COUNTER NUMBER 6160

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 266.5  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 7.00  
LIQ. WATER CONTENT (GM/M\*\*3) .015

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.303
7.0 - 9.0	1.119
9.0 - 12.0	.075
12.0 - 16.0	.127
16.0 - 21.0	.203
21.0 - 28.0	.119
28.0 - 36.0	.028
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 130  
DATE 17 JAN 1972  
TIME 21 11 35  
COUNTER NUMBER 6164

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 266.0  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 18.43  
LIQ. WATER CONTENT (GM/M\*\*3) .022

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.383
7.0 - 9.0	2.657
9.0 - 12.0	1.274
12.0 - 16.0	.478
16.0 - 21.0	.251
21.0 - 28.0	.132
28.0 - 36.0	.011
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 131  
DATE 17 JAN 1972  
TIME 21 11 40  
COUNTER NUMBER 6169

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 265.5  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 19.91  
LIQ. WATER CONTENT (GM/M\*\*3) .025

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.851
7.0 - 9.0	2.843
9.0 - 12.0	1.164
12.0 - 16.0	.616
16.0 - 21.0	.278
21.0 - 28.0	.107
28.0 - 36.0	.039
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 132  
DATE 17 JAN 1972  
TIME 21 11 45  
COUNTER NUMBER 6173

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 265.4  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 10.01  
LIQ. WATER CONTENT (GM/M\*\*3) .026

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.139
7.0 - 9.0	1.045
9.0 - 12.0	.353
12.0 - 16.0	.396
16.0 - 21.0	.119
21.0 - 28.0	.119
28.0 - 36.0	.063
36.0 - 47.0	.012
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 002 133  
DATE 17 JAN 1972  
TIME 21 11 50  
COUNTER NUMBER 6176

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 265.3

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 25.42  
LIQ. WATER CONTENT (GM/M\*\*3) .043

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.254
7.0 - 9.0	3.470
9.0 - 12.0	1.383
12.0 - 16.0	.720
16.0 - 21.0	.343
21.0 - 28.0	.160
28.0 - 36.0	.075
36.0 - 47.0	.004
47.0 - 62.0	.006
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 134  
DATE 17 JAN 1972  
TIME 21 11 55  
COUNTER NUMBER 6181

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 265.0

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 926.6  
NUMBER DENSITY (NO/CM\*\*3) 14.46  
LIQ. WATER CONTENT (GM/M\*\*3) .022

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.867
7.0 - 9.0	1.714
9.0 - 12.0	.610
12.0 - 16.0	.421
16.0 - 21.0	.194
21.0 - 28.0	.037
28.0 - 36.0	.050
36.0 - 47.0	.004
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 135  
DATE 17 JAN 1972  
TIME 21 12 0  
COUNTER NUMBER 6185

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 264.6

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 952.4  
NUMBER DENSITY (NO/CM\*\*3) 30.00  
LIQ. WATER CONTENT (GM/M\*\*3) .079

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.124
7.0 - 9.0	3.836
9.0 - 12.0	1.800
12.0 - 16.0	.814
16.0 - 21.0	.383
21.0 - 28.0	.184
28.0 - 36.0	.100
36.0 - 47.0	.036
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	.002

FLIGHT NUMBER 002 136  
DATE 17 JAN 1972  
TIME 21 12 6  
COUNTER NUMBER 6190

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 264.4

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 1142.9  
NUMBER DENSITY (NO/CM\*\*3) 27.43  
LIQ. WATER CONTENT (GM/M\*\*3) .038

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.480
7.0 - 9.0	3.814
9.0 - 12.0	1.233
12.0 - 16.0	.814
16.0 - 21.0	.286
21.0 - 28.0	.153
28.0 - 36.0	.066
36.0 - 47.0	.004
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 137  
DATE 17 JAN 1972  
TIME 21 12 10  
COUNTER NUMBER 6193

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 193.5  
AMBIENT TEMPERATURE (DEG K) 264.2

SAMPLED VOLUME (CM\*\*3) 70.0  
SAMPLE INTERVAL (M) 761.9  
NUMBER DENSITY (NO/CM\*\*3) 28.43  
LIQ. WATER CONTENT (GM/M\*\*3) .028

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.543
7.0 - 9.0	4.371
9.0 - 12.0	1.457
12.0 - 16.0	.679
16.0 - 21.0	.311
21.0 - 28.0	.133
28.0 - 36.0	.037
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 138  
DATE 17 JAN 1972  
TIME 21 12 12  
COUNTER NUMBER 6195

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 193.1  
AMBIENT TEMPERATURE (DEG K) 264.1

SAMPLED VOLUME (CM\*\*3) 71.0  
SAMPLE INTERVAL (M) 383.4  
NUMBER DENSITY (NO/CM\*\*3) 9.21  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.554
7.0 - 9.0	1.585
9.0 - 12.0	.587
12.0 - 16.0	.493
16.0 - 21.0	.228
21.0 - 28.0	.042
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 139  
DATE 17 JAN 1972  
TIME 21 12 16  
COUNTER NUMBER 6196

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 193.1  
AMBIENT TEMPERATURE (DEG K) 263.9

SAMPLED VOLUME (CM\*\*3) 71.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 2.86  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.404
7.0 - 9.0	.394
9.0 - 12.0	.202
12.0 - 16.0	.120
16.0 - 21.0	.059
21.0 - 28.0	.012
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 140  
DATE 17 JAN 1972  
TIME 21 12 17  
COUNTER NUMBER 6199

AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 193.1  
AMBIENT TEMPERATURE (DEG K) 263.8

SAMPLED VOLUME (CM\*\*3) 71.0  
SAMPLE INTERVAL (M) 193.1  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.011
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 141  
DATE 17 JAN 1972  
TIME 21 12 20  
COUNTER NUMBER 6201

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 193.1  
AMBIENT TEMPERATURE (DEG K) 263.6

SAMPLED VOLUME (CM\*\*3) 71.0  
SAMPLE INTERVAL (M) 579.1  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.011
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 142  
DATE 17 JAN 1972  
TIME 21 12 23  
COUNTER NUMBER 6204

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 193.1  
AMBIENT TEMPERATURE (DEG K) 263.4

SAMPLED VOLUME (CM\*\*3) 71.0  
SAMPLE INTERVAL (M) 579.1  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.028
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 143  
DATE 17 JAN 1972  
TIME 21 12 26  
COUNTER NUMBER 6207

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 193.1  
AMBIENT TEMPERATURE (DEG K) 263.2

SAMPLED VOLUME (CM\*\*3) 71.0  
SAMPLE INTERVAL (M) 579.1  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.028
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 144  
DATE 17 JAN 1972  
TIME 21 12 27  
COUNTER NUMBER 6208

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 195.6  
AMBIENT TEMPERATURE (DEG K) 263.1

SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 194.3  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.021
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 002 145  
DATE 17 JAN 1972  
TIME 21 12 30  
COUNTER NUMBER 6210

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 195.6  
AMBIENT TEMPERATURE (DEG K) 262.9  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 586.9  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.028
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 002 146  
DATE 17 JAN 1972  
TIME 21 12 37  
COUNTER NUMBER 6216

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 262.8  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 1378.4  
NUMBER DENSITY (NO/CM\*\*3) 1.11  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.259
7.0 - 9.0	.194
9.0 - 12.0	.083
12.0 - 16.0	.010
16.0 - 21.0	0.000
21.0 - 28.0	.006
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 147  
DATE 17 JAN 1972  
TIME 21 12 39  
COUNTER NUMBER 6218

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 262.8  
SAMPLED VOLUME (CM\*\*3) 144.0  
SAMPLE INTERVAL (M) 396.4  
NUMBER DENSITY (NO/CM\*\*3) 9.66  
LIQ. WATER CONTENT (GM/M\*\*3) .009

SIZE INTERVAL (UM) NO/CM\*\*3/LM DIA.INT.

5.5 - 7.0	2.111
7.0 - 9.0	1.778
9.0 - 12.0	.484
12.0 - 16.0	.146
16.0 - 21.0	.099
21.0 - 28.0	.050
28.0 - 36.0	.008
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 148  
DATE 17 JAN 1972  
TIME 21 12 41  
COUNTER NUMBER 6219

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 262.8  
SAMPLED VOLUME (CM\*\*3) 144.0  
SAMPLE INTERVAL (M) 396.4  
NUMBER DENSITY (NO/CM\*\*3) 8.94  
LIQ. WATER CONTENT (GM/M\*\*3) .015

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.824
7.0 - 9.0	.594
9.0 - 12.0	.694
12.0 - 16.0	.569
16.0 - 21.0	.272
21.0 - 28.0	.070
28.0 - 36.0	.013
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 149  
DATE 17 JAN 1972  
TIME 21 12 43  
COUNTER NUMBER 6221

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 262.9  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 396.4  
NUMBER DENSITY (NO/CM\*\*3) 10.89  
LIQ. WATER CONTENT (GM/M\*\*3) .037

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.065
7.0 - 9.0	.931
9.0 - 12.0	.444
12.0 - 16.0	.358
16.0 - 21.0	.381
21.0 - 28.0	.304
28.0 - 36.0	.080
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 150  
DATE 17 JAN 1972  
TIME 21 12 47  
COUNTER NUMBER 6224

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 263.1  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 792.8  
NUMBER DENSITY (NO/CM\*\*3) 9.56  
LIQ. WATER CONTENT (GM/M\*\*3) .022

SIZE INTERVAL (UM) NO/CM\*\*3/LM DIA.INT.

5.5 - 7.0	1.389
7.0 - 9.0	1.125
9.0 - 12.0	.491
12.0 - 16.0	.378
16.0 - 21.0	.208
21.0 - 28.0	.135
28.0 - 36.0	.026
36.0 - 47.0	0.000
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 151  
DATE 17 JAN 1972  
TIME 21 12 50  
COUNTER NUMBER 6227

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 263.2  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 594.6  
NUMBER DENSITY (NO/CM\*\*3) 17.00  
LIQ. WATER CONTENT (GM/M\*\*3) .035

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.528
7.0 - 9.0	2.257
9.0 - 12.0	.444
12.0 - 16.0	.455
16.0 - 21.0	.433
21.0 - 28.0	.190
28.0 - 36.0	.064
36.0 - 47.0	.008
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 152  
DATE 17 JAN 1972  
TIME 21 12 54  
COUNTER NUMBER 6230

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 263.3  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 792.8  
NUMBER DENSITY (NO/CM\*\*3) 22.26  
LIQ. WATER CONTENT (GM/M\*\*3) .030

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.306
7.0 - 9.0	3.188
9.0 - 12.0	1.588
12.0 - 16.0	.542
16.0 - 21.0	.147
21.0 - 28.0	.198
28.0 - 36.0	.036
36.0 - 47.0	.008
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 153  
DATE 17 JAN 1972  
TIME 21 12 58  
COUNTER NUMBER 6233

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 263.3  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 792.8  
NUMBER DENSITY (NO/CM\*\*3) 1.00  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/LM DIA.INT.

5.5 - 7.0	.194
7.0 - 9.0	.083
9.0 - 12.0	.028
12.0 - 16.0	.042
16.0 - 21.0	.033
21.0 - 28.0	.012
28.0 - 36.0	0.000
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 154  
DATE 17 JAN 1972  
TIME 21 13 0  
COUNTER NUMBER 6235

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 193.1  
AMBIENT TEMPERATURE (DEG K) 263.4  
SAMPLED VOLUME (CM\*\*3) 71.0  
SAMPLE INTERVAL (M) 391.2  
NUMBER DENSITY (NO/CM\*\*3) 30.72  
LIQ. WATER CONTENT (GM/M\*\*3) .022

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.460
7.0 - 9.0	4.725
9.0 - 12.0	4.033
12.0 - 16.0	1.197
16.0 - 21.0	.104
21.0 - 28.0	.018
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 155  
DATE 17 JAN 1972  
TIME 21 13 5  
COUNTER NUMBER 6239

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 193.1  
AMBIENT TEMPERATURE (DEG K) 263.0  
SAMPLED VOLUME (CM\*\*3) 71.0  
SAMPLE INTERVAL (M) 965.2  
NUMBER DENSITY (NO/CM\*\*3) .21  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.028
7.0 - 9.0	.042
9.0 - 12.0	.028
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 156  
DATE 17 JAN 1972  
TIME 21 13 6  
COUNTER NUMBER 6240

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 193.1  
AMBIENT TEMPERATURE (DEG K) 262.9  
SAMPLED VOLUME (CM\*\*3) 71.0  
SAMPLE INTERVAL (M) 193.1  
NUMBER DENSITY (NO/CM\*\*3) 18.79  
LIQ. WATER CONTENT (GM/M\*\*3) .018

SIZE INTERVAL (UM) NO/CM\*\*3/LM DIA.INT.

5.5 - 7.0	1.840
7.0 - 9.0	2.437
9.0 - 12.0	1.700
12.0 - 16.0	1.056
16.0 - 21.0	.341
21.0 - 28.0	.018
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 002 157  
DATE 17 JAN 1972  
TIME 21 13 10  
COUNTER NUMBER 6243

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 195.6  
AMBIENT TEMPERATURE (DEG K) 262.6  
  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 777.3  
NUMBER DENSITY (NO/CM\*\*3) 36.25  
LIQ. WATER CONTENT (GM/M\*\*3) .033

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.685
7.0 - 9.0	3.424
9.0 - 12.0	3.847
12.0 - 16.0	3.059
16.0 - 21.0	.311
21.0 - 28.0	.006
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 158  
DATE 17 JAN 1972  
TIME 21 13 15  
COUNTER NUMBER 6248

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 262.6  
  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 984.6  
NUMBER DENSITY (NO/CM\*\*3) 7.33  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.093
7.0 - 9.0	1.146
9.0 - 12.0	.491
12.0 - 16.0	.389
16.0 - 21.0	.058
21.0 - 28.0	.012
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 159  
DATE 17 JAN 1972  
TIME 21 13 18  
COUNTER NUMBER 6250

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 195.6  
AMBIENT TEMPERATURE (DEG K) 262.5  
  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 590.7  
NUMBER DENSITY (NO/CM\*\*3) .33  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.167
7.0 - 9.0	.042
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 160  
DATE 17 JAN 1972  
TIME 21 13 19  
COUNTER NUMBER 6251

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 195.6  
AMBIENT TEMPERATURE (DEG K) 262.5  
  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 195.6  
NUMBER DENSITY (NO/CM\*\*3) 1.85  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.806
7.0 - 9.0	.319
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 161  
DATE 17 JAN 1972  
TIME 21 13 24  
COUNTER NUMBER 6255

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 195.6  
AMBIENT TEMPERATURE (DEG K) 262.3  
  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 978.1  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.021
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 162  
DATE 17 JAN 1972  
TIME 21 13 27  
COUNTER NUMBER 6257

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 195.6  
AMBIENT TEMPERATURE (DEG K) 262.2  
  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 586.9  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.021
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 163  
DATE 17 JAN 1972  
TIME 21 13 28  
COUNTER NUMBER 6258

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 262.1  
  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 196.9  
NUMBER DENSITY (NO/CM\*\*3) 3.28  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.065
7.0 - 9.0	.736
9.0 - 12.0	.069
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 164  
DATE 17 JAN 1972  
TIME 21 13 29  
COUNTER NUMBER 6259

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 195.6  
AMBIENT TEMPERATURE (DEG K) 262.1  
  
SAMPLED VOLUME (CM\*\*3) 72.0  
SAMPLE INTERVAL (M) 196.9  
NUMBER DENSITY (NO/CM\*\*3) 2.33  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.954
7.0 - 9.0	.347
9.0 - 12.0	.069
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 165  
DATE 17 JAN 1972  
TIME 21 17 40  
COUNTER NUMBER 6391

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 261.2  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.022
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 166  
DATE 17 JAN 1972  
TIME 21 17 46  
COUNTER NUMBER 6396

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 261.1  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 1081.1  
NUMBER DENSITY (NO/CM\*\*3) .22  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.060
7.0 - 9.0	.045
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.009
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000
GREATER THAN 108	0.000 *UM

FLIGHT NUMBER 002 167  
DATE 17 JAN 1972  
TIME 21 17 47  
COUNTER NUMBER 6397

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 261.1  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 180.2  
NUMBER DENSITY (NO/CM\*\*3) 6.34  
LIQ. WATER CONTENT (GM/M\*\*3) .009

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.642
7.0 - 9.0	1.164
9.0 - 12.0	.264
12.0 - 16.0	.034
16.0 - 21.0	.054
21.0 - 28.0	.026
28.0 - 36.0	.011
36.0 - 47.0	.008
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000
GREATER THAN 108	0.000 *UM

FLIGHT NUMBER 002 168  
DATE 17 JAN 1972  
TIME 21 17 50  
COUNTER NUMBER 6400

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 261.0  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 540.5  
NUMBER DENSITY (NO/CM\*\*3) 11.01  
LIQ. WATER CONTENT (GM/M\*\*3) .052

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.239
7.0 - 9.0	1.276
9.0 - 12.0	.463
12.0 - 16.0	.396
16.0 - 21.0	.128
21.0 - 28.0	.098
28.0 - 36.0	.034
36.0 - 47.0	.028
47.0 - 62.0	.006
62.0 - 82.0	.004
82.0 - 108.0	0.000
GREATER THAN 108	.045 *UM

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FLIGHT NUMBER 002 169  
DATE 17 JAN 1972  
TIME 21 17 55  
COUNTER NUMBER 6404

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 5.94  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.522
7.0 - 9.0	.627
9.0 - 12.0	.249
12.0 - 16.0	.138
16.0 - 21.0	.075
21.0 - 28.0	.079
28.0 - 36.0	.017
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000
GREATER THAN 108	0.000 *UM

FLIGHT NUMBER 002 170  
DATE 17 JAN 1972  
TIME 21 18 0  
COUNTER NUMBER 6406

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 6.67  
LIQ. WATER CONTENT (GM/M\*\*3) .036

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.493
7.0 - 9.0	.672
9.0 - 12.0	.214
12.0 - 16.0	.093
16.0 - 21.0	.149
21.0 - 28.0	.092
28.0 - 36.0	.047
36.0 - 47.0	.012
47.0 - 62.0	.006
62.0 - 82.0	.002
82.0 - 108.0	0.000
GREATER THAN 108	.045 *UM

FLIGHT NUMBER 002 171  
DATE 17 JAN 1972  
TIME 21 18 5  
COUNTER NUMBER 6412

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 25.27  
LIQ. WATER CONTENT (GM/M\*\*3) .088

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.373
7.0 - 9.0	2.985
9.0 - 12.0	1.209
12.0 - 16.0	.582
16.0 - 21.0	.501
21.0 - 28.0	.220
28.0 - 36.0	.086
36.0 - 47.0	.038
47.0 - 62.0	.003
62.0 - 82.0	.002
82.0 - 108.0	.002
GREATER THAN 108	0.000 *UM

FLIGHT NUMBER 002 172  
DATE 17 JAN 1972  
TIME 21 18 10  
COUNTER NUMBER 6416

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 13.94  
LIQ. WATER CONTENT (GM/M\*\*3) .040

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.294
7.0 - 9.0	1.604
9.0 - 12.0	.776
12.0 - 16.0	.325
16.0 - 21.0	.137
21.0 - 28.0	.113
28.0 - 36.0	.063
36.0 - 47.0	.004
47.0 - 62.0	.006
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 002 173  
DATE 17 JAN 1972  
TIME 21 18 15  
COUNTER NUMBER 6420

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 10.03  
LIQ. WATER CONTENT (GM/M\*\*3) .024

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.363
7.0 - 9.0	.933
9.0 - 12.0	.602
12.0 - 16.0	.396
16.0 - 21.0	.307
21.0 - 28.0	.119
28.0 - 36.0	.034
36.0 - 47.0	.008
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 174  
DATE 17 JAN 1972  
TIME 21 18 20  
COUNTER NUMBER 6424

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 5.55  
LIQ. WATER CONTENT (GM/M\*\*3) .019

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.055
7.0 - 9.0	.582
9.0 - 12.0	.264
12.0 - 16.0	.093
16.0 - 21.0	.119
21.0 - 28.0	.092
28.0 - 36.0	.039
36.0 - 47.0	.004
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 175  
DATE 17 JAN 1972  
TIME 21 18 25  
COUNTER NUMBER 6428

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) .90  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.090
7.0 - 9.0	.112
9.0 - 12.0	.030
12.0 - 16.0	.034
16.0 - 21.0	.027
21.0 - 28.0	.006
28.0 - 36.0	.006
36.0 - 47.0	.004
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 176  
DATE 17 JAN 1972  
TIME 21 18 29  
COUNTER NUMBER 6432

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 720.7  
NUMBER DENSITY (NO/CM\*\*3) 25.60  
LIQ. WATER CONTENT (GM/M\*\*3) .098

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.403
7.0 - 9.0	3.448
9.0 - 12.0	1.164
12.0 - 16.0	.825
16.0 - 21.0	.242
21.0 - 28.0	.160
28.0 - 36.0	.093
36.0 - 47.0	.038
47.0 - 62.0	.015
62.0 - 82.0	.002
82.0 - 108.0	.002

FLIGHT NUMBER 002 177  
DATE 17 JAN 1972  
TIME 21 18 35  
COUNTER NUMBER 6437

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 1081.1  
NUMBER DENSITY (NO/CM\*\*3) 13.91  
LIQ. WATER CONTENT (GM/M\*\*3) .067

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.886
7.0 - 9.0	1.888
9.0 - 12.0	.388
12.0 - 16.0	.466
16.0 - 21.0	.233
21.0 - 28.0	.126
28.0 - 36.0	.047
36.0 - 47.0	.012
47.0 - 62.0	.009
62.0 - 82.0	.002
82.0 - 108.0	.002

FLIGHT NUMBER 002 178  
DATE 17 JAN 1972  
TIME 21 18 40  
COUNTER NUMBER 6441

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 11.19  
LIQ. WATER CONTENT (GM/M\*\*3) .055

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.418
7.0 - 9.0	1.373
9.0 - 12.0	.682
12.0 - 16.0	.243
16.0 - 21.0	.084
21.0 - 28.0	.060
28.0 - 36.0	.063
36.0 - 47.0	.034
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	.002

FLIGHT NUMBER 002 179  
DATE 17 JAN 1972  
TIME 21 18 45  
COUNTER NUMBER 6445

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 33.64  
LIQ. WATER CONTENT (GM/M\*\*3) .103

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.647
7.0 - 9.0	4.381
9.0 - 12.0	1.677
12.0 - 16.0	.698
16.0 - 21.0	.567
21.0 - 28.0	.358
28.0 - 36.0	.146
36.0 - 47.0	.028
47.0 - 62.0	.012
62.0 - 82.0	.004
82.0 - 108.0	0.000

FLIGHT NUMBER 002 180  
DATE 17 JAN 1972  
TIME 21 18 50  
COUNTER NUMBER 6449

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 9.69  
LIQ. WATER CONTENT (GM/M\*\*3) .045

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.582
7.0 - 9.0	1.231
9.0 - 12.0	.448
12.0 - 16.0	.209
16.0 - 21.0	.251
21.0 - 28.0	.098
28.0 - 36.0	.047
36.0 - 47.0	.016
47.0 - 62.0	.009
62.0 - 82.0	.002
82.0 - 108.0	0.000

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FLIGHT NUMBER 002 181  
DATE 17 JAN 1972  
TIME 21 18 56  
COUNTER NUMBER 6454

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 1081.1  
NUMBER DENSITY (NO/CM\*\*3) 25.31  
LIQ. WATER CONTENT (GM/M\*\*3) .129

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.284
7.0 - 9.0	2.799
9.0 - 12.0	.900
12.0 - 16.0	.709
16.0 - 21.0	.475
21.0 - 28.0	.311
28.0 - 36.0	.110
36.0 - 47.0	.046
47.0 - 62.0	.006
62.0 - 82.0	.009
82.0 - 108.0	.002

FLIGHT NUMBER 002 182  
DATE 17 JAN 1972  
TIME 21 19 0  
COUNTER NUMBER 6458

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 720.7  
NUMBER DENSITY (NO/CM\*\*3) 7.79  
LIQ. WATER CONTENT (GM/M\*\*3) .019

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.522
7.0 - 9.0	.903
9.0 - 12.0	.279
12.0 - 16.0	.313
16.0 - 21.0	.185
21.0 - 28.0	.060
28.0 - 36.0	.017
36.0 - 47.0	.008
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 183  
DATE 17 JAN 1972  
TIME 21 19 5  
COUNTER NUMBER 6462

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 900.9  
NUMBER DENSITY (NO/CM\*\*3) 5.24  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.647
7.0 - 9.0	.627
9.0 - 12.0	.403
12.0 - 16.0	.280
16.0 - 21.0	.110
21.0 - 28.0	.019
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 184  
DATE 17 JAN 1972  
TIME 21 19 7  
COUNTER NUMBER 6463

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 360.4  
NUMBER DENSITY (NO/CM\*\*3) .85  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.149
7.0 - 9.0	.157
9.0 - 12.0	.045
12.0 - 16.0	.022
16.0 - 21.0	.009
21.0 - 28.0	.006
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 185  
DATE 17 JAN 1972  
TIME 21 19 8  
COUNTER NUMBER 6464

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 180.2  
NUMBER DENSITY (NO/CM\*\*3) 3.93  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.806
7.0 - 9.0	.716
9.0 - 12.0	.338
12.0 - 16.0	.045
16.0 - 21.0	.009
21.0 - 28.0	.006
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 186  
DATE 17 JAN 1972  
TIME 21 19 9  
COUNTER NUMBER 6465

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 180.2  
NUMBER DENSITY (NO/CM\*\*3) .49  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.119
7.0 - 9.0	.067
9.0 - 12.0	.060
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 002 187  
DATE 17 JAN 1972  
TIME 21 19 10  
COUNTER NUMBER 6466

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 180.2  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 0 0  
DATE 0 JAN 1972  
TIME 0 0 0  
COUNTER NUMBER 0

AIRCRAFT ALTITUDE (KM) 0.0  
AIRCRAFT VELOCITY (M/S) 0.0  
AMBIENT TEMPERATURE (DEG K) 0.0

SAMPLED VOLUME (CM\*\*3) 0.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 0.00  
LIQ. WATER CONTENT (GM/M\*\*3) 0.000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 0 0  
DATE 0 JAN 1972  
TIME 0 0 0  
COUNTER NUMBER 0

AIRCRAFT ALTITUDE (KM) 0.0  
AIRCRAFT VELOCITY (M/S) 0.0  
AMBIENT TEMPERATURE (DEG K) 0.0

SAMPLED VOLUME (CM\*\*3) 0.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 0.00  
LIQ. WATER CONTENT (GM/M\*\*3) 0.000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT 3

FLIGHT NUMBER	003	1	FLIGHT NUMBER	003	2	FLIGHT NUMBER	003	3
DATE 18 JAN 1972			DATE 18 JAN 1972			DATE 18 JAN 1972		
TIME 18 44 0			TIME 18 44 4			TIME 18 44 8		
COUNTER NUMBER 6640			COUNTER NUMBER 6643			COUNTER NUMBER 6647		
AIRCRAFT ALTITUDE (KM)	.3		AIRCRAFT ALTITUDE (KM)	.3		AIRCRAFT ALTITUDE (KM)	.3	
AIRCRAFT VELOCITY (M/S)	262.5		AIRCRAFT VELOCITY (M/S)	267.7		AIRCRAFT VELOCITY (M/S)	267.7	
AMBIENT TEMPERATURE (DEG K)	278.3		AMBIENT TEMPERATURE (DEG K)	278.2		AMBIENT TEMPERATURE (DEG K)	278.3	
SAMPLED VOLUME (CM**3)	91.0		SAMPLED VOLUME (CM**3)	93.0		SAMPLED VOLUME (CM**3)	93.0	
SAMPLE INTERVAL (M)	0.0		SAMPLE INTERVAL (M)	1060.5		SAMPLE INTERVAL (M)	1070.8	
NUMBER DENSITY (NO/CM**3)	.20		NUMBER DENSITY (NO/CM**3)	.26		NUMBER DENSITY (NO/CM**3)	82.13	
LIG. WATER CONTENT (GM/M**3)	.000		LIG. WATER CONTENT (GM/M**3)	.000		LIG. WATER CONTENT (GM/M**3)	.019	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.088		5.5 - 7.0	.086		5.5 - 7.0	35.254	
7.0 - 9.0	.016		7.0 - 9.0	.016		7.0 - 9.0	11.892	
9.0 - 12.0	0.000		9.0 - 12.0	0.000		9.0 - 12.0	1.534	
12.0 - 16.0	.008		12.0 - 16.0	0.000		12.0 - 16.0	.134	
16.0 - 21.0	0.000		16.0 - 21.0	.019		16.0 - 21.0	.039	
21.0 - 28.0	0.000		21.0 - 28.0	0.000		21.0 - 28.0	.018	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	0.000	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	003	4	FLIGHT NUMBER	003	5	FLIGHT NUMBER	003	6
DATE 18 JAN 1972			DATE 18 JAN 1972			DATE 18 JAN 1972		
TIME 18 44 11			TIME 18 44 15			TIME 18 44 18		
COUNTER NUMBER 6649			COUNTER NUMBER 6652			COUNTER NUMBER 6655		
AIRCRAFT ALTITUDE (KM)	.3		AIRCRAFT ALTITUDE (KM)	.3		AIRCRAFT ALTITUDE (KM)	.3	
AIRCRAFT VELOCITY (M/S)	267.7		AIRCRAFT VELOCITY (M/S)	267.7		AIRCRAFT VELOCITY (M/S)	267.7	
AMBIENT TEMPERATURE (DEG K)	278.3		AMBIENT TEMPERATURE (DEG K)	277.8		AMBIENT TEMPERATURE (DEG K)	277.4	
SAMPLED VOLUME (CM**3)	93.0		SAMPLED VOLUME (CM**3)	93.0		SAMPLED VOLUME (CM**3)	93.0	
SAMPLE INTERVAL (M)	803.1		SAMPLE INTERVAL (M)	1070.8		SAMPLE INTERVAL (M)	803.1	
NUMBER DENSITY (NO/CM**3)	205.31		NUMBER DENSITY (NO/CM**3)	180.96		NUMBER DENSITY (NO/CM**3)	251.02	
LIG. WATER CONTENT (GM/M**3)	.064		LIG. WATER CONTENT (GM/M**3)	.123		LIG. WATER CONTENT (GM/M**3)	.211	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	59.427		5.5 - 7.0	35.993		5.5 - 7.0	32.681	
7.0 - 9.0	40.758		7.0 - 9.0	27.016		7.0 - 9.0	32.828	
9.0 - 12.0	9.968		9.0 - 12.0	14.771		9.0 - 12.0	25.401	
12.0 - 16.0	1.040		12.0 - 16.0	5.097		12.0 - 16.0	10.954	
16.0 - 21.0	.073		16.0 - 21.0	1.215		16.0 - 21.0	2.654	
21.0 - 28.0	.023		21.0 - 28.0	.263		21.0 - 28.0	.384	
28.0 - 36.0	.008		28.0 - 36.0	.028		28.0 - 36.0	.042	
36.0 - 47.0	0.000		36.0 - 47.0	.009		36.0 - 47.0	.003	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	003	7	FLIGHT NUMBER	003	8	FLIGHT NUMBER	003	9
DATE 18 JAN 1972			DATE 18 JAN 1972			DATE 18 JAN 1972		
TIME 18 44 22			TIME 18 44 24			TIME 18 54 40		
COUNTER NUMBER 6658			COUNTER NUMBER 6659			COUNTER NUMBER 6697		
AIRCRAFT ALTITUDE (KM)	.9		AIRCRAFT ALTITUDE (KM)	.3		AIRCRAFT ALTITUDE (KM)	5.5	
AIRCRAFT VELOCITY (M/S)	267.7		AIRCRAFT VELOCITY (M/S)	267.7		AIRCRAFT VELOCITY (M/S)	190.5	
AMBIENT TEMPERATURE (DEG K)	277.8		AMBIENT TEMPERATURE (DEG K)	277.5		AMBIENT TEMPERATURE (DEG K)	265.9	
SAMPLED VOLUME (CM**3)	186.0		SAMPLED VOLUME (CM**3)	93.0		SAMPLED VOLUME (CM**3)	140.0	
SAMPLE INTERVAL (M)	1070.8		SAMPLE INTERVAL (M)	535.4		SAMPLE INTERVAL (M)	0.0	
NUMBER DENSITY (NO/CM**3)	163.48		NUMBER DENSITY (NO/CM**3)	348.83		NUMBER DENSITY (NO/CM**3)	.09	
LIG. WATER CONTENT (GM/M**3)	.146		LIG. WATER CONTENT (GM/M**3)	.311		LIG. WATER CONTENT (GM/M**3)	.000	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	18.882		5.5 - 7.0	38.681		5.5 - 7.0	.043	
7.0 - 9.0	20.296		7.0 - 9.0	43.392		7.0 - 9.0	0.000	
9.0 - 12.0	16.409		9.0 - 12.0	36.065		9.0 - 12.0	0.000	
12.0 - 16.0	8.597		12.0 - 16.0	17.675		12.0 - 16.0	.005	
16.0 - 21.0	1.817		16.0 - 21.0	4.206		16.0 - 21.0	0.000	
21.0 - 28.0	.225		21.0 - 28.0	.547		21.0 - 28.0	0.000	
28.0 - 36.0	.031		28.0 - 36.0	.034		28.0 - 36.0	0.000	
36.0 - 47.0	.004		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	003	10	FLIGHT NUMBER	003	11	FLIGHT NUMBER	003	12
DATE 18 JAN 1972			DATE 18 JAN 1972			DATE 18 JAN 1972		
TIME 18 54 42			TIME 18 54 45			TIME 18 54 47		
COUNTER NUMBER 6698			COUNTER NUMBER 6699			COUNTER NUMBER 6700		
AIRCRAFT ALTITUDE (KM)	5.5		AIRCRAFT ALTITUDE (KM)	5.5		AIRCRAFT ALTITUDE (KM)	5.5	
AIRCRAFT VELOCITY (M/S)	190.5		AIRCRAFT VELOCITY (M/S)	187.9		AIRCRAFT VELOCITY (M/S)	190.5	
AMBIENT TEMPERATURE (DEG K)	265.7		AMBIENT TEMPERATURE (DEG K)	265.4		AMBIENT TEMPERATURE (DEG K)	265.3	
SAMPLED VOLUME (CM**3)	210.0		SAMPLED VOLUME (CM**3)	138.0		SAMPLED VOLUME (CM**3)	140.0	
SAMPLE INTERVAL (M)	381.0		SAMPLE INTERVAL (M)	567.6		SAMPLE INTERVAL (M)	378.4	
NUMBER DENSITY (NO/CM**3)	1.48		NUMBER DENSITY (NO/CM**3)	35.85		NUMBER DENSITY (NO/CM**3)	67.13	
LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.021		LIG. WATER CONTENT (GM/M**3)	.053	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.425		5.5 - 7.0	4.739		5.5 - 7.0	5.252	
7.0 - 9.0	.200		7.0 - 9.0	6.123		7.0 - 9.0	8.571	
9.0 - 12.0	.073		9.0 - 12.0	3.879		9.0 - 12.0	8.057	
12.0 - 16.0	.040		12.0 - 16.0	1.080		12.0 - 16.0	3.955	
16.0 - 21.0	.006		16.0 - 21.0	.094		16.0 - 21.0	.387	
21.0 - 28.0	.004		21.0 - 28.0	.009		21.0 - 28.0	.026	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	0.000	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	

FLIGHT NUMBER 003 13  
DATE 18 JAN 1972  
TIME 18 54 49  
COUNTER NUMBER 6701

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 265.1  
  
SAMPLED VOLUME (CM\*\*3) 140.0  
SAMPLE INTERVAL (M) 381.0  
NUMBER DENSITY (NO/CM\*\*3) 59.16  
LIQ. WATER CONTENT (GM/M\*\*3) .062

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.586
7.0 - 9.0	5.400
9.0 - 12.0	6.100
12.0 - 16.0	4.893
16.0 - 21.0	1.000
21.0 - 28.0	.015
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 003 14  
DATE 18 JAN 1972  
TIME 18 54 51  
COUNTER NUMBER 6702

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 265.0  
  
SAMPLED VOLUME (CM\*\*3) 140.0  
SAMPLE INTERVAL (M) 381.0  
NUMBER DENSITY (NO/CM\*\*3) 85.56  
LIQ. WATER CONTENT (GM/M\*\*3) .117

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.824
7.0 - 9.0	5.343
9.0 - 12.0	6.383
12.0 - 16.0	8.821
16.0 - 21.0	2.901
21.0 - 28.0	.029
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 003 15  
DATE 18 JAN 1972  
TIME 18 54 53  
COUNTER NUMBER 6703

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 264.8  
  
SAMPLED VOLUME (CM\*\*3) 210.0  
SAMPLE INTERVAL (M) 381.0  
NUMBER DENSITY (NO/CM\*\*3) 53.07  
LIQ. WATER CONTENT (GM/M\*\*3) .097

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.698
7.0 - 9.0	3.145
9.0 - 12.0	2.381
12.0 - 16.0	4.386
16.0 - 21.0	3.363
21.0 - 28.0	.176
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 003 16  
DATE 18 JAN 1972  
TIME 18 54 56  
COUNTER NUMBER 6704

AIRCRAFT ALTITUDE (KM) 5.5  
AIRCRAFT VELOCITY (M/S) 190.5  
AMBIENT TEMPERATURE (DEG K) 264.5  
  
SAMPLED VOLUME (CM\*\*3) 140.0  
SAMPLE INTERVAL (M) 371.4  
NUMBER DENSITY (NO/CM\*\*3) 58.44  
LIQ. WATER CONTENT (GM/M\*\*3) .113

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.438
7.0 - 9.0	2.743
9.0 - 12.0	2.952
12.0 - 16.0	4.636
16.0 - 21.0	4.080
21.0 - 28.0	.210
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 003 17  
DATE 18 JAN 1972  
TIME 19 21 30  
COUNTER NUMBER 6946

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 226.6  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	.003
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 003 18  
DATE 18 JAN 1972  
TIME 19 21 35  
COUNTER NUMBER 6947

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 221.4  
AMBIENT TEMPERATURE (DEG K) 226.4  
  
SAMPLED VOLUME (CM\*\*3) 395.0  
SAMPLE INTERVAL (M) 1100.4  
NUMBER DENSITY (NO/CM\*\*3) .22  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.020
7.0 - 9.0	.027
9.0 - 12.0	.013
12.0 - 16.0	.004
16.0 - 21.0	.008
21.0 - 28.0	.003
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 003 19  
DATE 18 JAN 1972  
TIME 19 21 40  
COUNTER NUMBER 6948

AIRCRAFT ALTITUDE (KM) 11.0  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 226.4  
  
SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1113.3  
NUMBER DENSITY (NO/CM\*\*3) .27  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.019
9.0 - 12.0	.010
12.0 - 16.0	.009
16.0 - 21.0	.009
21.0 - 28.0	.006
28.0 - 36.0	.000
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 003 20  
DATE 18 JAN 1972  
TIME 19 21 45  
COUNTER NUMBER 6949

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 221.4  
AMBIENT TEMPERATURE (DEG K) 226.5  
  
SAMPLED VOLUME (CM\*\*3) 395.0  
SAMPLE INTERVAL (M) 1113.3  
NUMBER DENSITY (NO/CM\*\*3) .35  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.020
7.0 - 9.0	.004
9.0 - 12.0	.010
12.0 - 16.0	.023
16.0 - 21.0	.013
21.0 - 28.0	.009
28.0 - 36.0	.002
36.0 - 47.0	.002
47.0 - 62.0	.001
62.0 - 82.0	.000
82.0 - 106.0	0.000

FLIGHT NUMBER 003 21  
DATE 18 JAN 1972  
TIME 19 21 50  
COUNTER NUMBER 6950

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 221.4  
AMBIENT TEMPERATURE (DEG K) 226.9  
  
SAMPLED VOLUME (CM\*\*3) 395.0  
SAMPLE INTERVAL (M) 1106.8  
NUMBER DENSITY (NO/CM\*\*3) .22  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.020
7.0 - 9.0	.011
9.0 - 12.0	.005
12.0 - 16.0	0.000
16.0 - 21.0	.011
21.0 - 28.0	.003
28.0 - 36.0	.005
36.0 - 47.0	.003
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 003 22  
DATE 18 JAN 1972  
TIME 19 21 55  
COUNTER NUMBER 6951

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 227.4  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1100.4  
NUMBER DENSITY (NO/CM\*\*3) 1.07  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.021
7.0 - 9.0	.044
9.0 - 12.0	.053
12.0 - 16.0	.026
16.0 - 21.0	.040
21.0 - 28.0	.040
28.0 - 36.0	.016
36.0 - 47.0	.004
47.0 - 62.0	.001
62.0 - 82.0	.001
82.0 - 106.0	0.000

FLIGHT NUMBER 003 23  
DATE 18 JAN 1972  
TIME 19 22 0  
COUNTER NUMBER 6952

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 221.4  
AMBIENT TEMPERATURE (DEG K) 227.3  
  
SAMPLED VOLUME (CM\*\*3) 395.0  
SAMPLE INTERVAL (M) 1100.4  
NUMBER DENSITY (NO/CM\*\*3) 2.72  
LIQ. WATER CONTENT (GM/M\*\*3) .042

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.132
7.0 - 9.0	.127
9.0 - 12.0	.089
12.0 - 16.0	.097
16.0 - 21.0	.057
21.0 - 28.0	.097
28.0 - 36.0	.043
36.0 - 47.0	.012
47.0 - 62.0	.007
62.0 - 82.0	.003
82.0 - 106.0	.000

FLIGHT NUMBER 003 24  
DATE 18 JAN 1972  
TIME 19 22 5  
COUNTER NUMBER 6953

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 221.4  
AMBIENT TEMPERATURE (DEG K) 227.1  
  
SAMPLED VOLUME (CM\*\*3) 395.0  
SAMPLE INTERVAL (M) 1106.8  
NUMBER DENSITY (NO/CM\*\*3) 2.12  
LIQ. WATER CONTENT (GM/M\*\*3) .026

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.132
7.0 - 9.0	.122
9.0 - 12.0	.042
12.0 - 16.0	.053
16.0 - 21.0	.077
21.0 - 28.0	.061
28.0 - 36.0	.038
36.0 - 47.0	.009
47.0 - 62.0	.006
62.0 - 82.0	.001
82.0 - 106.0	0.000

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FLIGHT NUMBER 003 25  
DATE 18 JAN 1972  
TIME 19 22 11  
COUNTER NUMBER 6954

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 227.0

SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1335.9  
NUMBER DENSITY (NO/CM\*\*3) .26  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.030
7.0 - 9.0	.011
9.0 - 12.0	.010
12.0 - 16.0	.007
16.0 - 21.0	.009
21.0 - 28.0	.005
28.0 - 36.0	.006
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 26  
DATE 18 JAN 1972  
TIME 19 22 16  
COUNTER NUMBER 6955

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 226.9

SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1119.7  
NUMBER DENSITY (NO/CM\*\*3) .47  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.030
7.0 - 9.0	.057
9.0 - 12.0	.015
12.0 - 16.0	.023
16.0 - 21.0	.004
21.0 - 28.0	.011
28.0 - 36.0	.004
36.0 - 47.0	.003
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 27  
DATE 18 JAN 1972  
TIME 19 22 21  
COUNTER NUMBER 6956

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 227.0

SAMPLED VOLUME (CM\*\*3) 480.0  
SAMPLE INTERVAL (M) 1119.7  
NUMBER DENSITY (NO/CM\*\*3) .23  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.012
7.0 - 9.0	.032
9.0 - 12.0	.006
12.0 - 16.0	.006
16.0 - 21.0	.004
21.0 - 28.0	.006
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	.001
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 28  
DATE 18 JAN 1972  
TIME 19 22 27  
COUNTER NUMBER 6957

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 227.1

SAMPLED VOLUME (CM\*\*3) 320.0  
SAMPLE INTERVAL (M) 1343.6  
NUMBER DENSITY (NO/CM\*\*3) .08  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.005
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.002
21.0 - 28.0	.004
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 29  
DATE 18 JAN 1972  
TIME 19 22 31  
COUNTER NUMBER 6958

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 227.0

SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 895.8  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	.002
12.0 - 16.0	0.000
16.0 - 21.0	.001
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 30  
DATE 18 JAN 1972  
TIME 19 23 12  
COUNTER NUMBER 6966

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 227.6

SAMPLED VOLUME (CM\*\*3) 480.0  
SAMPLE INTERVAL (M) 9181.5  
NUMBER DENSITY (NO/CM\*\*3) .94  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.051
7.0 - 9.0	.035
9.0 - 12.0	0.000
12.0 - 16.0	.042
16.0 - 21.0	.032
21.0 - 28.0	.032
28.0 - 36.0	.018
36.0 - 47.0	.006
47.0 - 62.0	.001
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 31  
DATE 18 JAN 1972  
TIME 19 23 18  
COUNTER NUMBER 6967

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 227.5

SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1343.6  
NUMBER DENSITY (NO/CM\*\*3) 1.50  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.140
7.0 - 9.0	.057
9.0 - 12.0	.028
12.0 - 16.0	.058
16.0 - 21.0	.056
21.0 - 28.0	.039
28.0 - 36.0	.018
36.0 - 47.0	.009
47.0 - 62.0	.002
62.0 - 82.0	.001
82.0 - 108.0	0.000
GREATER THAN 108	.007 *UM

FLIGHT NUMBER 003 32  
DATE 18 JAN 1972  
TIME 19 23 23  
COUNTER NUMBER 6966

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 227.5

SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1119.7  
NUMBER DENSITY (NO/CM\*\*3) 1.27  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.088
7.0 - 9.0	.031
9.0 - 12.0	.067
12.0 - 16.0	.035
16.0 - 21.0	.035
21.0 - 28.0	.042
28.0 - 36.0	.020
36.0 - 47.0	.004
47.0 - 62.0	.002
62.0 - 82.0	.001
82.0 - 108.0	0.000
GREATER THAN 108	0.000 *UM

FLIGHT NUMBER 003 33  
DATE 18 JAN 1972  
TIME 19 23 28  
COUNTER NUMBER 6969

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 227.6

SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1119.7  
NUMBER DENSITY (NO/CM\*\*3) 1.12  
LIQ. WATER CONTENT (GM/M\*\*3) .016

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.057
7.0 - 9.0	.031
9.0 - 12.0	.028
12.0 - 16.0	.060
16.0 - 21.0	.045
21.0 - 28.0	.021
28.0 - 36.0	.019
36.0 - 47.0	.006
47.0 - 62.0	.002
62.0 - 82.0	.001
82.0 - 108.0	0.000
GREATER THAN 108	0.000 *UM

FLIGHT NUMBER 003 34  
DATE 18 JAN 1972  
TIME 19 23 33  
COUNTER NUMBER 6971

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 227.8

SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1119.7  
NUMBER DENSITY (NO/CM\*\*3) .58  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.030
7.0 - 9.0	.039
9.0 - 12.0	.023
12.0 - 16.0	.019
16.0 - 21.0	.021
21.0 - 28.0	.012
28.0 - 36.0	.006
36.0 - 47.0	.003
47.0 - 62.0	.001
62.0 - 82.0	.000
82.0 - 108.0	0.000
GREATER THAN 108	.007 *UM

FLIGHT NUMBER 003 35  
DATE 18 JAN 1972  
TIME 19 23 38  
COUNTER NUMBER 6971

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 228.0

SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1119.7  
NUMBER DENSITY (NO/CM\*\*3) .13  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.025
7.0 - 9.0	.007
9.0 - 12.0	.002
12.0 - 16.0	.007
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	.005
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000
GREATER THAN 108	0.000 *UM

FLIGHT NUMBER 003 36  
DATE 18 JAN 1972  
TIME 19 23 43  
COUNTER NUMBER 6972

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 228.3

SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1119.7  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.019
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.006
21.0 - 28.0	.002
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000
GREATER THAN 108	0.000 *UM

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FLIGHT NUMBER 003 37  
DATE 18 JAN 1972  
TIME 19 23 48  
COUNTER NUMBER 6973

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 228.4  
SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1119.7  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.0005
7.0 - 9.0	.0004
9.0 - 12.0	0.0000
12.0 - 16.0	0.0000
16.0 - 21.0	.0004
21.0 - 28.0	.0002
28.0 - 36.0	0.0000
36.0 - 47.0	0.0000
47.0 - 62.0	0.0000
62.0 - 82.0	0.0000
82.0 - 108.0	0.0000

FLIGHT NUMBER 003 38  
DATE 18 JAN 1972  
TIME 19 23 53  
COUNTER NUMBER 6974

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 228.4  
SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1119.7  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.0000
7.0 - 9.0	0.0000
9.0 - 12.0	.0002
12.0 - 16.0	.0002
16.0 - 21.0	0.0000
21.0 - 28.0	.0002
28.0 - 36.0	0.0000
36.0 - 47.0	0.0000
47.0 - 62.0	0.0000
62.0 - 82.0	0.0000
82.0 - 108.0	0.0000

FLIGHT NUMBER 003 39  
DATE 18 JAN 1972  
TIME 20 50 0  
COUNTER NUMBER 7078

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 281.2  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 7.24  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.828
7.0 - 9.0	1.181
9.0 - 12.0	.661
12.0 - 16.0	.039
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 40  
DATE 18 JAN 1972  
TIME 20 50 1  
COUNTER NUMBER 7079

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 281.2  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 149.3  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.0034
7.0 - 9.0	0.0000
9.0 - 12.0	0.0000
12.0 - 16.0	0.0000
16.0 - 21.0	0.0000
21.0 - 28.0	0.0000
28.0 - 36.0	0.0000
36.0 - 47.0	0.0000
47.0 - 62.0	0.0000
62.0 - 82.0	0.0000
82.0 - 108.0	0.0000

FLIGHT NUMBER 003 41  
DATE 18 JAN 1972  
TIME 20 50 4  
COUNTER NUMBER 7082

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 281.1  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 447.9  
NUMBER DENSITY (NO/CM\*\*3) 341.33  
LIQ. WATER CONTENT (GM/M\*\*3) .090

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	109.588
7.0 - 9.0	70.414
9.0 - 12.0	10.989
12.0 - 16.0	.872
16.0 - 21.0	.072
21.0 - 28.0	.007
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 42  
DATE 18 JAN 1972  
TIME 20 50 7  
COUNTER NUMBER 7084

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 280.8  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 447.9  
NUMBER DENSITY (NO/CM\*\*3) 217.48  
LIQ. WATER CONTENT (GM/M\*\*3) .086

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	61.989
7.0 - 9.0	43.357
9.0 - 12.0	11.080
12.0 - 16.0	1.009
16.0 - 21.0	.086
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 43  
DATE 18 JAN 1972  
TIME 20 50 18  
COUNTER NUMBER 7093

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 133.8  
AMBIENT TEMPERATURE (DEG K) 280.1  
SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 1557.3  
NUMBER DENSITY (NO/CM\*\*3) 181.54  
LIQ. WATER CONTENT (GM/M\*\*3) .052

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	56.938
7.0 - 9.0	36.509
9.0 - 12.0	6.284
12.0 - 16.0	.981
16.0 - 21.0	.056
21.0 - 28.0	0.000
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 44  
DATE 18 JAN 1972  
TIME 20 50 19  
COUNTER NUMBER 7094

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 133.8  
AMBIENT TEMPERATURE (DEG K) 279.0  
SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 133.8  
NUMBER DENSITY (NO/CM\*\*3) 10.20  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.926
7.0 - 9.0	2.250
9.0 - 12.0	.809
12.0 - 16.0	.083
16.0 - 21.0	.011
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 45  
DATE 18 JAN 1972  
TIME 20 50 24  
COUNTER NUMBER 7098

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 133.8  
AMBIENT TEMPERATURE (DEG K) 279.3  
SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 669.2  
NUMBER DENSITY (NO/CM\*\*3) 27.22  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.345
7.0 - 9.0	5.204
9.0 - 12.0	2.179
12.0 - 16.0	.144
16.0 - 21.0	.022
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 46  
DATE 18 JAN 1972  
TIME 20 50 25  
COUNTER NUMBER 7099

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 133.8  
AMBIENT TEMPERATURE (DEG K) 279.3  
SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 133.8  
NUMBER DENSITY (NO/CM\*\*3) 156.67  
LIQ. WATER CONTENT (GM/M\*\*3) .054

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	35.099
7.0 - 9.0	34.491
9.0 - 12.0	10.531
12.0 - 16.0	.736
16.0 - 21.0	.067
21.0 - 28.0	.024
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 47  
DATE 18 JAN 1972  
TIME 20 50 31  
COUNTER NUMBER 7104

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 279.0  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 787.6  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.0038
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 48  
DATE 18 JAN 1972  
TIME 20 50 32  
COUNTER NUMBER 7105

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 276.1  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 317.13  
LIQ. WATER CONTENT (GM/M\*\*3) .103

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	79.603
7.0 - 9.0	70.548
9.0 - 12.0	16.045
12.0 - 16.0	1.769
16.0 - 21.0	.262
21.0 - 28.0	.016
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 003 49  
DATE 18 JAN 1972  
TIME 20 50 33  
COUNTER NUMBER 7106

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 275.0  
  
SAMPLED VOLUME (CM\*\*3) 104.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 11.19  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.782
7.0 - 9.0	2.192
9.0 - 12.0	.349
12.0 - 16.0	.014
16.0 - 21.0	.006
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 50  
DATE 18 JAN 1972  
TIME 20 50 35  
COUNTER NUMBER 7107

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 278.2  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 257.4  
NUMBER DENSITY (NO/CM\*\*3) 297.67  
LIQ. WATER CONTENT (GM/M\*\*3) .111

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	60.846
7.0 - 9.0	67.577
9.0 - 12.0	20.609
12.0 - 16.0	1.981
16.0 - 21.0	.192
21.0 - 28.0	.069
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 51  
DATE 18 JAN 1972  
TIME 20 50 40  
COUNTER NUMBER 7112

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 278.1  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 439.63  
LIQ. WATER CONTENT (GM/M\*\*3) .165

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	92.949
7.0 - 9.0	96.423
9.0 - 12.0	30.006
12.0 - 16.0	3.707
16.0 - 21.0	.408
21.0 - 28.0	.069
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 52  
DATE 18 JAN 1972  
TIME 20 50 45  
COUNTER NUMBER 7116

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 276.8  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 464.73  
LIQ. WATER CONTENT (GM/M\*\*3) .156

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	116.462
7.0 - 9.0	112.135
9.0 - 12.0	24.897
12.0 - 16.0	2.356
16.0 - 21.0	.273
21.0 - 28.0	.041
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 53  
DATE 18 JAN 1972  
TIME 20 50 50  
COUNTER NUMBER 7120

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.3  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 519.90  
LIQ. WATER CONTENT (GM/M\*\*3) .169

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	124.436
7.0 - 9.0	119.712
9.0 - 12.0	27.058
12.0 - 16.0	2.673
16.0 - 21.0	.358
21.0 - 28.0	.025
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 54  
DATE 18 JAN 1972  
TIME 20 50 55  
COUNTER NUMBER 7124

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.0  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 261.73  
LIQ. WATER CONTENT (GM/M\*\*3) .124

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	47.795
7.0 - 9.0	49.000
9.0 - 12.0	23.096
12.0 - 16.0	4.928
16.0 - 21.0	.538
21.0 - 28.0	.049
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 55  
DATE 18 JAN 1972  
TIME 20 51 1  
COUNTER NUMBER 7129

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.3  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 309.96  
LIQ. WATER CONTENT (GM/M\*\*3) .143

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	80.321
7.0 - 9.0	76.317
9.0 - 12.0	26.481
12.0 - 16.0	3.798
16.0 - 21.0	.396
21.0 - 28.0	.025
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 56  
DATE 18 JAN 1972  
TIME 20 51 4  
COUNTER NUMBER 7132

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.4  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 386.1  
NUMBER DENSITY (NO/CM\*\*3) 252.06  
LIQ. WATER CONTENT (GM/M\*\*3) .120

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	43.628
7.0 - 9.0	48.615
9.0 - 12.0	22.551
12.0 - 16.0	4.716
16.0 - 21.0	.550
21.0 - 28.0	.008
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 57  
DATE 18 JAN 1972  
TIME 20 51 10  
COUNTER NUMBER 7137

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 273.6  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 347.36  
LIQ. WATER CONTENT (GM/M\*\*3) .165

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	59.372
7.0 - 9.0	65.587
9.0 - 12.0	33.032
12.0 - 16.0	6.264
16.0 - 21.0	.538
21.0 - 28.0	.069
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 58  
DATE 18 JAN 1972  
TIME 20 51 16  
COUNTER NUMBER 7141

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.5  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 389.06  
LIQ. WATER CONTENT (GM/M\*\*3) .164

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	69.626
7.0 - 9.0	84.221
9.0 - 12.0	30.686
12.0 - 16.0	5.495
16.0 - 21.0	.358
21.0 - 28.0	.049
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 59  
DATE 18 JAN 1972  
TIME 20 51 20  
COUNTER NUMBER 7145

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.4  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) 417.06  
LIQ. WATER CONTENT (GM/M\*\*3) .165

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	76.321
7.0 - 9.0	92.750
9.0 - 12.0	33.071
12.0 - 16.0	4.067
16.0 - 21.0	.273
21.0 - 28.0	.025
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 60  
DATE 18 JAN 1972  
TIME 20 51 25  
COUNTER NUMBER 7149

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.4  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 512.71  
LIQ. WATER CONTENT (GM/M\*\*3) .166

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	115.705
7.0 - 9.0	122.202
9.0 - 12.0	27.218
12.0 - 16.0	3.139
16.0 - 21.0	.096
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 003	61	FLIGHT NUMBER 003	62	FLIGHT NUMBER 003	63
DATE 18 JAN 1972		DATE 18 JAN 1972		DATE 18 JAN 1972	
TIME 20 51 30		TIME 20 51 35		TIME 20 51 39	
COUNTER NUMBER 7153		COUNTER NUMBER 7157		COUNTER NUMBER 7161	
AIRCRAFT ALTITUDE (KM)	.6	AIRCRAFT ALTITUDE (KM)	.6	AIRCRAFT ALTITUDE (KM)	.6
AIRCRAFT VELOCITY (M/S)	128.7	AIRCRAFT VELOCITY (M/S)	128.7	AIRCRAFT VELOCITY (M/S)	128.7
AMBIENT TEMPERATURE (DEG K)	277.7	AMBIENT TEMPERATURE (DEG K)	277.6	AMBIENT TEMPERATURE (DEG K)	277.9
SAMPLED VOLUME (CM**3)	52.0	SAMPLED VOLUME (CM**3)	52.0	SAMPLED VOLUME (CM**3)	52.0
SAMPLE INTERVAL (M)	643.5	SAMPLE INTERVAL (M)	643.5	SAMPLE INTERVAL (M)	514.8
NUMBER DENSITY (NO/CM**3)	433.77	NUMBER DENSITY (NO/CM**3)	405.25	NUMBER DENSITY (NO/CM**3)	446.21
LIQ. WATER CONTENT (GM/M**3)	.173	LIQ. WATER CONTENT (GM/M**3)	.162	LIQ. WATER CONTENT (GM/M**3)	.175
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	73.987	5.5 - 7.0	73.231	5.5 - 7.0	76.551
7.0 - 9.0	96.962	7.0 - 9.0	85.538	7.0 - 9.0	98.106
9.0 - 12.0	37.295	9.0 - 12.0	35.936	9.0 - 12.0	40.179
12.0 - 16.0	3.875	12.0 - 16.0	3.846	12.0 - 16.0	3.452
16.0 - 21.0	.250	16.0 - 21.0	.227	16.0 - 21.0	.154
21.0 - 28.0	.033	21.0 - 28.0	0.000	21.0 - 28.0	.008
28.0 - 36.0	0.000	28.0 - 36.0	0.000	28.0 - 36.0	0.000
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 106.0	0.000	82.0 - 106.0	0.000	82.0 - 106.0	0.000
FLIGHT NUMBER 003	64	FLIGHT NUMBER 003	65	FLIGHT NUMBER 003	66
DATE 18 JAN 1972		DATE 18 JAN 1972		DATE 18 JAN 1972	
TIME 20 51 45		TIME 20 51 50		TIME 20 51 54	
COUNTER NUMBER 7166		COUNTER NUMBER 7170		COUNTER NUMBER 7173	
AIRCRAFT ALTITUDE (KM)	.6	AIRCRAFT ALTITUDE (KM)	.6	AIRCRAFT ALTITUDE (KM)	.6
AIRCRAFT VELOCITY (M/S)	128.7	AIRCRAFT VELOCITY (M/S)	128.7	AIRCRAFT VELOCITY (M/S)	128.7
AMBIENT TEMPERATURE (DEG K)	278.0	AMBIENT TEMPERATURE (DEG K)	278.0	AMBIENT TEMPERATURE (DEG K)	277.7
SAMPLED VOLUME (CM**3)	52.0	SAMPLED VOLUME (CM**3)	52.0	SAMPLED VOLUME (CM**3)	52.0
SAMPLE INTERVAL (M)	772.2	SAMPLE INTERVAL (M)	643.5	SAMPLE INTERVAL (M)	514.8
NUMBER DENSITY (NO/CM**3)	444.69	NUMBER DENSITY (NO/CM**3)	568.87	NUMBER DENSITY (NO/CM**3)	522.90
LIQ. WATER CONTENT (GM/M**3)	.172	LIQ. WATER CONTENT (GM/M**3)	.169	LIQ. WATER CONTENT (GM/M**3)	.168
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	89.974	5.5 - 7.0	132.449	5.5 - 7.0	111.654
7.0 - 9.0	114.692	7.0 - 9.0	140.288	7.0 - 9.0	127.163
9.0 - 12.0	37.430	9.0 - 12.0	28.500	9.0 - 12.0	31.346
12.0 - 16.0	1.817	12.0 - 16.0	.942	12.0 - 16.0	1.649
16.0 - 21.0	.148	16.0 - 21.0	.058	16.0 - 21.0	.058
21.0 - 28.0	.033	21.0 - 28.0	.008	21.0 - 28.0	.025
28.0 - 36.0	0.000	28.0 - 36.0	0.000	28.0 - 36.0	0.000
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 106.0	0.000	82.0 - 106.0	0.000	82.0 - 106.0	0.000
FLIGHT NUMBER 003	67	FLIGHT NUMBER 003	68	FLIGHT NUMBER 003	69
DATE 18 JAN 1972		DATE 18 JAN 1972		DATE 18 JAN 1972	
TIME 20 52 0		TIME 20 52 5		TIME 20 52 10	
COUNTER NUMBER 7176		COUNTER NUMBER 7183		COUNTER NUMBER 7186	
AIRCRAFT ALTITUDE (KM)	.6	AIRCRAFT ALTITUDE (KM)	.6	AIRCRAFT ALTITUDE (KM)	.6
AIRCRAFT VELOCITY (M/S)	128.7	AIRCRAFT VELOCITY (M/S)	128.7	AIRCRAFT VELOCITY (M/S)	128.7
AMBIENT TEMPERATURE (DEG K)	277.4	AMBIENT TEMPERATURE (DEG K)	277.4	AMBIENT TEMPERATURE (DEG K)	277.5
SAMPLED VOLUME (CM**3)	52.0	SAMPLED VOLUME (CM**3)	52.0	SAMPLED VOLUME (CM**3)	52.0
SAMPLE INTERVAL (M)	772.2	SAMPLE INTERVAL (M)	643.5	SAMPLE INTERVAL (M)	643.5
NUMBER DENSITY (NO/CM**3)	627.83	NUMBER DENSITY (NO/CM**3)	498.38	NUMBER DENSITY (NO/CM**3)	501.40
LIQ. WATER CONTENT (GM/M**3)	.165	LIQ. WATER CONTENT (GM/M**3)	.191	LIQ. WATER CONTENT (GM/M**3)	.180
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	107.628	5.5 - 7.0	69.308	5.5 - 7.0	80.205
7.0 - 9.0	158.100	7.0 - 9.0	122.740	7.0 - 9.0	126.500
9.0 - 12.0	19.045	9.0 - 12.0	47.372	9.0 - 12.0	40.545
12.0 - 16.0	.630	12.0 - 16.0	1.529	12.0 - 16.0	1.529
16.0 - 21.0	.061	16.0 - 21.0	.119	16.0 - 21.0	.035
21.0 - 28.0	.016	21.0 - 28.0	.008	21.0 - 28.0	.016
28.0 - 36.0	0.000	28.0 - 36.0	.007	28.0 - 36.0	.007
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 106.0	0.000	82.0 - 106.0	0.000	82.0 - 106.0	0.000
FLIGHT NUMBER 003	70	FLIGHT NUMBER 003	71	FLIGHT NUMBER 003	72
DATE 18 JAN 1972		DATE 18 JAN 1972		DATE 18 JAN 1972	
TIME 20 52 16		TIME 20 52 20		TIME 20 52 26	
COUNTER NUMBER 7191		COUNTER NUMBER 7194		COUNTER NUMBER 7199	
AIRCRAFT ALTITUDE (KM)	.6	AIRCRAFT ALTITUDE (KM)	.6	AIRCRAFT ALTITUDE (KM)	.6
AIRCRAFT VELOCITY (M/S)	128.7	AIRCRAFT VELOCITY (M/S)	128.7	AIRCRAFT VELOCITY (M/S)	128.7
AMBIENT TEMPERATURE (DEG K)	277.6	AMBIENT TEMPERATURE (DEG K)	277.7	AMBIENT TEMPERATURE (DEG K)	277.8
SAMPLED VOLUME (CM**3)	52.0	SAMPLED VOLUME (CM**3)	52.0	SAMPLED VOLUME (CM**3)	52.0
SAMPLE INTERVAL (M)	772.2	SAMPLE INTERVAL (M)	514.8	SAMPLE INTERVAL (M)	772.2
NUMBER DENSITY (NO/CM**3)	450.58	NUMBER DENSITY (NO/CM**3)	462.52	NUMBER DENSITY (NO/CM**3)	457.65
LIQ. WATER CONTENT (GM/M**3)	.192	LIQ. WATER CONTENT (GM/M**3)	.212	LIQ. WATER CONTENT (GM/M**3)	.231
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	57.840	5.5 - 7.0	54.282	5.5 - 7.0	48.154
7.0 - 9.0	97.356	7.0 - 9.0	92.663	7.0 - 9.0	80.404
9.0 - 12.0	52.404	9.0 - 12.0	59.974	9.0 - 12.0	66.141
12.0 - 16.0	2.831	12.0 - 16.0	3.678	12.0 - 16.0	6.250
16.0 - 21.0	.096	16.0 - 21.0	.204	16.0 - 21.0	.227
21.0 - 28.0	0.000	21.0 - 28.0	.016	21.0 - 28.0	.008
28.0 - 36.0	0.000	28.0 - 36.0	0.000	28.0 - 36.0	0.000
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 106.0	0.000	82.0 - 106.0	0.000	82.0 - 106.0	0.000

FLIGHT NUMBER 003 73  
DATE 18 JAN 1972  
TIME 20 52 30  
COUNTER NUMBER 7203

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 278.0  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) 417.83  
LIQ. WATER CONTENT (GM/M\*\*3) .288

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	31.679
7.0 - 9.0	51.135
9.0 - 12.0	64.179
12.0 - 16.0	17.620
16.0 - 21.0	.923
21.0 - 28.0	.058
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 74  
DATE 18 JAN 1972  
TIME 20 52 35  
COUNTER NUMBER 7207

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.6  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 367.15  
LIQ. WATER CONTENT (GM/M\*\*3) .294

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	28.679
7.0 - 9.0	36.327
9.0 - 12.0	47.917
12.0 - 16.0	25.178
16.0 - 21.0	1.369
21.0 - 28.0	.025
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 75  
DATE 18 JAN 1972  
TIME 20 52 40  
COUNTER NUMBER 7211

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.4  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 380.65  
LIQ. WATER CONTENT (GM/M\*\*3) .288

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	28.436
7.0 - 9.0	38.394
9.0 - 12.0	55.744
12.0 - 16.0	22.250
16.0 - 21.0	.962
21.0 - 28.0	.016
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 76  
DATE 18 JAN 1972  
TIME 20 52 45  
COUNTER NUMBER 7215

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.4  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 444.67  
LIQ. WATER CONTENT (GM/M\*\*3) .293

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	35.372
7.0 - 9.0	50.750
9.0 - 12.0	72.955
12.0 - 16.0	17.288
16.0 - 21.0	.406
21.0 - 28.0	.006
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 77  
DATE 18 JAN 1972  
TIME 20 52 50  
COUNTER NUMBER 7220

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.7  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 470.37  
LIQ. WATER CONTENT (GM/M\*\*3) .316

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	32.487
7.0 - 9.0	55.913
9.0 - 12.0	76.577
12.0 - 16.0	19.529
16.0 - 21.0	.369
21.0 - 28.0	.008
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 78  
DATE 18 JAN 1972  
TIME 20 52 52  
COUNTER NUMBER 7224

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.6  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 257.4  
NUMBER DENSITY (NO/CM\*\*3) 384.90  
LIQ. WATER CONTENT (GM/M\*\*3) .320

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	25.231
7.0 - 9.0	36.981
9.0 - 12.0	48.513
12.0 - 16.0	30.587
16.0 - 21.0	.996
21.0 - 28.0	.033
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 79  
DATE 18 JAN 1972  
TIME 20 53 0  
COUNTER NUMBER 7228

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.5  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 1029.6  
NUMBER DENSITY (NO/CM\*\*3) 353.13  
LIQ. WATER CONTENT (GM/M\*\*3) .328

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	24.756
7.0 - 9.0	27.010
9.0 - 12.0	38.359
12.0 - 16.0	34.779
16.0 - 21.0	1.465
21.0 - 28.0	.058
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 80  
DATE 18 JAN 1972  
TIME 20 53 5  
COUNTER NUMBER 7232

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.4  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 383.62  
LIQ. WATER CONTENT (GM/M\*\*3) .337

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	23.026
7.0 - 9.0	34.519
9.0 - 12.0	44.231
12.0 - 16.0	35.606
16.0 - 21.0	.962
21.0 - 28.0	.016
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 81  
DATE 18 JAN 1972  
TIME 20 53 10  
COUNTER NUMBER 7236

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.7  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 388.40  
LIQ. WATER CONTENT (GM/M\*\*3) .356

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	25.795
7.0 - 9.0	29.740
9.0 - 12.0	42.346
12.0 - 16.0	39.389
16.0 - 21.0	1.081
21.0 - 28.0	.025
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 82  
DATE 18 JAN 1972  
TIME 20 53 15  
COUNTER NUMBER 7240

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.7  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 400.04  
LIQ. WATER CONTENT (GM/M\*\*3) .349

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	24.756
7.0 - 9.0	33.260
9.0 - 12.0	47.295
12.0 - 16.0	37.861
16.0 - 21.0	.612
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 83  
DATE 18 JAN 1972  
TIME 20 53 16  
COUNTER NUMBER 7241

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 278.0  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 397.73  
LIQ. WATER CONTENT (GM/M\*\*3) .346

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	27.192
7.0 - 9.0	31.817
9.0 - 12.0	45.949
12.0 - 16.0	38.341
16.0 - 21.0	.419
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 84  
DATE 18 JAN 1972  
TIME 20 53 20  
COUNTER NUMBER 7244

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.6  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) 313.88  
LIQ. WATER CONTENT (GM/M\*\*3) .275

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	22.551
7.0 - 9.0	26.683
9.0 - 12.0	36.936
12.0 - 16.0	27.370
16.0 - 21.0	1.235
21.0 - 28.0	.033
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 003 85  
DATE 18 JAN 1972  
TIME 20 53 25  
COUNTER NUMBER 7240

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.3  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 347.96  
LIQ. WATER CONTENT (GM/M\*\*3) .318

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	21.513
7.0 - 9.0	29.865
9.0 - 12.0	39.160
12.0 - 16.0	32.673
16.0 - 21.0	1.477
21.0 - 28.0	.049
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 86  
DATE 18 JAN 1972  
TIME 20 53 30  
COUNTER NUMBER 7253

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.4  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 693.04  
LIQ. WATER CONTENT (GM/M\*\*3) .648

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	35.372
7.0 - 9.0	54.413
9.0 - 12.0	79.622
12.0 - 16.0	69.740
16.0 - 21.0	2.642
21.0 - 28.0	.016
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 87  
DATE 18 JAN 1972  
TIME 20 53 35  
COUNTER NUMBER 7257

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.8  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 335.23  
LIQ. WATER CONTENT (GM/M\*\*3) .272

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	25.872
7.0 - 9.0	33.317
9.0 - 12.0	40.622
12.0 - 16.0	25.856
16.0 - 21.0	.877
21.0 - 28.0	.016
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 88  
DATE 18 JAN 1972  
TIME 20 53 40  
COUNTER NUMBER 7261

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 275.8  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 293.50  
LIQ. WATER CONTENT (GM/M\*\*3) .273

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	18.103
7.0 - 9.0	28.721
9.0 - 12.0	34.590
12.0 - 16.0	22.548
16.0 - 21.0	2.823
21.0 - 28.0	.110
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 89  
DATE 18 JAN 1972  
TIME 20 53 43  
COUNTER NUMBER 7263

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 276.8  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 386.1  
NUMBER DENSITY (NO/CM\*\*3) 324.94  
LIQ. WATER CONTENT (GM/M\*\*3) .278

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	21.744
7.0 - 9.0	30.885
9.0 - 12.0	38.378
12.0 - 16.0	27.644
16.0 - 21.0	.935
21.0 - 28.0	.016
28.0 - 36.0	0.000
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 90  
DATE 18 JAN 1972  
TIME 20 55 10  
COUNTER NUMBER 7307

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 151.9  
AMBIENT TEMPERATURE (DEG K) 278.8  
  
SAMPLED VOLUME (CM\*\*3) 59.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 4.66  
LIQ. WATER CONTENT (GM/M\*\*3) .013

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.384
7.0 - 9.0	.263
9.0 - 12.0	.475
12.0 - 16.0	.263
16.0 - 21.0	.095
21.0 - 28.0	.044
28.0 - 36.0	.032
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 91  
DATE 18 JAN 1972  
TIME 20 55 12  
COUNTER NUMBER 7309

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 151.9  
AMBIENT TEMPERATURE (DEG K) 278.6  
  
SAMPLED VOLUME (CM\*\*3) 59.0  
SAMPLE INTERVAL (M) 303.7  
NUMBER DENSITY (NO/CM\*\*3) 33.97  
LIQ. WATER CONTENT (GM/M\*\*3) .035

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.085
7.0 - 9.0	5.212
9.0 - 12.0	3.000
12.0 - 16.0	.466
16.0 - 21.0	.349
21.0 - 28.0	.136
28.0 - 36.0	.044
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 92  
DATE 18 JAN 1972  
TIME 20 55 16  
COUNTER NUMBER 7312

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 151.9  
AMBIENT TEMPERATURE (DEG K) 278.9  
  
SAMPLED VOLUME (CM\*\*3) 59.0  
SAMPLE INTERVAL (M) 607.5  
NUMBER DENSITY (NO/CM\*\*3) 58.90  
LIQ. WATER CONTENT (GM/M\*\*3) .064

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.288
7.0 - 9.0	5.161
9.0 - 12.0	6.972
12.0 - 16.0	4.076
16.0 - 21.0	.434
21.0 - 28.0	.143
28.0 - 36.0	.013
36.0 - 47.0	.014
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 93  
DATE 18 JAN 1972  
TIME 20 55 19  
COUNTER NUMBER 7314

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 151.9  
AMBIENT TEMPERATURE (DEG K) 278.7  
  
SAMPLED VOLUME (CM\*\*3) 59.0  
SAMPLE INTERVAL (M) 455.6  
NUMBER DENSITY (NO/CM\*\*3) 33.97  
LIQ. WATER CONTENT (GM/M\*\*3) .051

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.774
7.0 - 9.0	3.466
9.0 - 12.0	2.701
12.0 - 16.0	2.225
16.0 - 21.0	.464
21.0 - 28.0	.196
28.0 - 36.0	.085
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 94  
DATE 18 JAN 1972  
TIME 20 55 21  
COUNTER NUMBER 7316

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 151.9  
AMBIENT TEMPERATURE (DEG K) 278.7  
  
SAMPLED VOLUME (CM\*\*3) 59.0  
SAMPLE INTERVAL (M) 303.7  
NUMBER DENSITY (NO/CM\*\*3) 64.85  
LIQ. WATER CONTENT (GM/M\*\*3) .073

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.056
7.0 - 9.0	6.361
9.0 - 12.0	7.288
12.0 - 16.0	4.343
16.0 - 21.0	1.197
21.0 - 28.0	.066
28.0 - 36.0	.038
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 95  
DATE 18 JAN 1972  
TIME 20 55 26  
COUNTER NUMBER 7321

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 151.9  
AMBIENT TEMPERATURE (DEG K) 283.1  
  
SAMPLED VOLUME (CM\*\*3) 59.0  
SAMPLE INTERVAL (M) 759.3  
NUMBER DENSITY (NO/CM\*\*3) 14.14  
LIQ. WATER CONTENT (GM/M\*\*3) .032

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.932
7.0 - 9.0	1.059
9.0 - 12.0	1.023
12.0 - 16.0	.581
16.0 - 21.0	.410
21.0 - 28.0	.157
28.0 - 36.0	.066
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 96  
DATE 18 JAN 1972  
TIME 20 55 30  
COUNTER NUMBER 7324

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 151.9  
AMBIENT TEMPERATURE (DEG K) 278.5  
  
SAMPLED VOLUME (CM\*\*3) 59.0  
SAMPLE INTERVAL (M) 607.5  
NUMBER DENSITY (NO/CM\*\*3) 63.83  
LIQ. WATER CONTENT (GM/M\*\*3) .094

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.373
7.0 - 9.0	5.085
9.0 - 12.0	4.977
12.0 - 16.0	4.674
16.0 - 21.0	2.478
21.0 - 28.0	.104
28.0 - 36.0	.038
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 003 97  
DATE 18 JAN 1972  
TIME 20 55 34  
COUNTER NUMBER 7327

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 151.9  
AMBIENT TEMPERATURE (DEG K) 278.7  
SAMPLED VOLUME (CM\*\*3) 59.0  
SAMPLE INTERVAL (M) 607.5  
NUMBER DENSITY (NO/CM\*\*3) 22.10  
LIQ. WATER CONTENT (GM/M\*\*3) .038

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.141
7.0 - 9.0	2.780
9.0 - 12.0	1.672
12.0 - 16.0	.780
16.0 - 21.0	.349
21.0 - 28.0	.189
28.0 - 36.0	.072
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 98  
DATE 18 JAN 1972  
TIME 20 55 37  
COUNTER NUMBER 7330

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 278.7  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 459.5  
NUMBER DENSITY (NO/CM\*\*3) 59.25  
LIQ. WATER CONTENT (GM/M\*\*3) .080

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.700
7.0 - 9.0	4.758
9.0 - 12.0	6.144
12.0 - 16.0	5.675
16.0 - 21.0	.643
21.0 - 28.0	.081
28.0 - 36.0	.071
36.0 - 47.0	.018
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 99  
DATE 18 JAN 1972  
TIME 20 55 40  
COUNTER NUMBER 7332

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 151.9  
AMBIENT TEMPERATURE (DEG K) 278.7  
SAMPLED VOLUME (CM\*\*3) 59.0  
SAMPLE INTERVAL (M) 459.5  
NUMBER DENSITY (NO/CM\*\*3) 30.61  
LIQ. WATER CONTENT (GM/M\*\*3) .038

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.927
7.0 - 9.0	3.729
9.0 - 12.0	3.000
12.0 - 16.0	1.864
16.0 - 21.0	.285
21.0 - 28.0	.075
28.0 - 36.0	.019
36.0 - 47.0	.018
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 100  
DATE 18 JAN 1972  
TIME 20 55 43  
COUNTER NUMBER 7335

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 146.7  
AMBIENT TEMPERATURE (DEG K) 278.2  
SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 447.9  
NUMBER DENSITY (NO/CM\*\*3) 4.49  
LIQ. WATER CONTENT (GM/M\*\*3) .032

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.345
7.0 - 9.0	.164
9.0 - 12.0	.053
12.0 - 16.0	.110
16.0 - 21.0	.011
21.0 - 28.0	0.000
28.0 - 36.0	.143
36.0 - 47.0	.029
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 101  
DATE 18 JAN 1972  
TIME 20 55 46  
COUNTER NUMBER 7338

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 144.1  
AMBIENT TEMPERATURE (DEG K) 278.8  
SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 436.3  
NUMBER DENSITY (NO/CM\*\*3) 20.25  
LIQ. WATER CONTENT (GM/M\*\*3) .021

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.205
7.0 - 9.0	1.447
9.0 - 12.0	2.462
12.0 - 16.0	1.877
16.0 - 21.0	.109
21.0 - 28.0	0.000
28.0 - 36.0	.013
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 102  
DATE 18 JAN 1972  
TIME 20 55 50  
COUNTER NUMBER 7341

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 144.1  
AMBIENT TEMPERATURE (DEG K) 277.9  
SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 576.6  
NUMBER DENSITY (NO/CM\*\*3) 3.39  
LIQ. WATER CONTENT (GM/M\*\*3) .054

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.211
7.0 - 9.0	.026
9.0 - 12.0	.070
12.0 - 16.0	.066
16.0 - 21.0	.011
21.0 - 28.0	.115
28.0 - 36.0	.136
36.0 - 47.0	.040
47.0 - 62.0	.011
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 103  
DATE 18 JAN 1972  
TIME 20 55 53  
COUNTER NUMBER 7344

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 146.7  
AMBIENT TEMPERATURE (DEG K) 276.9  
SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 436.3  
NUMBER DENSITY (NO/CM\*\*3) 1.93  
LIQ. WATER CONTENT (GM/M\*\*3) .024

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.079
9.0 - 12.0	.070
12.0 - 16.0	0.000
16.0 - 21.0	.042
21.0 - 28.0	.085
28.0 - 36.0	.055
36.0 - 47.0	.029
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 104  
DATE 18 JAN 1972  
TIME 20 55 57  
COUNTER NUMBER 7347

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 146.7  
AMBIENT TEMPERATURE (DEG K) 277.3  
SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 586.9  
NUMBER DENSITY (NO/CM\*\*3) .96  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.070
7.0 - 9.0	.053
9.0 - 12.0	0.000
12.0 - 16.0	.026
16.0 - 21.0	.021
21.0 - 28.0	0.000
28.0 - 36.0	.055
36.0 - 47.0	.010
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 105  
DATE 18 JAN 1972  
TIME 20 56 0  
COUNTER NUMBER 7349

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 146.7  
AMBIENT TEMPERATURE (DEG K) 277.2  
SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 440.2  
NUMBER DENSITY (NO/CM\*\*3) 12.30  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.082
7.0 - 9.0	1.474
9.0 - 12.0	1.060
12.0 - 16.0	.465
16.0 - 21.0	.021
21.0 - 28.0	.008
28.0 - 36.0	.007
36.0 - 47.0	.014
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 106  
DATE 18 JAN 1972  
TIME 20 56 4  
COUNTER NUMBER 7352

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 146.7  
AMBIENT TEMPERATURE (DEG K) 278.5  
SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 586.9  
NUMBER DENSITY (NO/CM\*\*3) .32  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.042
21.0 - 28.0	.015
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 107  
DATE 18 JAN 1972  
TIME 20 56 7  
COUNTER NUMBER 7355

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 278.5  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 1.66  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.179
7.0 - 9.0	.161
9.0 - 12.0	.089
12.0 - 16.0	.054
16.0 - 21.0	.054
21.0 - 28.0	.031
28.0 - 36.0	.013
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 108  
DATE 18 JAN 1972  
TIME 20 56 11  
COUNTER NUMBER 7358

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 144.1  
AMBIENT TEMPERATURE (DEG K) 279.3  
SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 571.4  
NUMBER DENSITY (NO/CM\*\*3) 3.77  
LIQ. WATER CONTENT (GM/M\*\*3) .017

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.538
7.0 - 9.0	.158
9.0 - 12.0	.269
12.0 - 16.0	.066
16.0 - 21.0	.098
21.0 - 28.0	.070
28.0 - 36.0	.075
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 109  
DATE 18 JAN 1972  
TIME 20 56 15  
COUNTER NUMBER 7361

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 279.1

SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 571.4  
NUMBER DENSITY (NO/CM\*\*3) 101.00  
LIQ. WATER CONTENT (GM/M\*\*3) .107

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 7.143  
7.0 - 9.0 9.036  
9.0 - 12.0 10.601  
12.0 - 16.0 7.866  
16.0 - 21.0 1.671  
21.0 - 28.0 .054  
28.0 - 36.0 .027  
36.0 - 47.0 0.000  
47.0 - 62.0 0.000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 003 110  
DATE 18 JAN 1972  
TIME 20 56 18  
COUNTER NUMBER 7364

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 279.1

SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 424.7  
NUMBER DENSITY (NO/CM\*\*3) 91.96  
LIQ. WATER CONTENT (GM/M\*\*3) .079

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 4.762  
7.0 - 9.0 11.098  
9.0 - 12.0 12.964  
12.0 - 16.0 5.214  
16.0 - 21.0 .468  
21.0 - 28.0 .031  
28.0 - 36.0 .040  
36.0 - 47.0 0.000  
47.0 - 62.0 0.000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 003 111  
DATE 18 JAN 1972  
TIME 20 56 23  
COUNTER NUMBER 7368

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 144.1  
AMBIENT TEMPERATURE (DEG K) 278.9

SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 714.3  
NUMBER DENSITY (NO/CM\*\*3) 13.44  
LIQ. WATER CONTENT (GM/M\*\*3) .026

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 2.737  
7.0 - 9.0 1.614  
9.0 - 12.0 .509  
12.0 - 16.0 .439  
16.0 - 21.0 .284  
21.0 - 28.0 .140  
28.0 - 36.0 .039  
36.0 - 47.0 .010  
47.0 - 62.0 0.000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 003 112  
DATE 18 JAN 1972  
TIME 20 56 26  
COUNTER NUMBER 7370

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 144.1  
AMBIENT TEMPERATURE (DEG K) 278.9

SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 7.35  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .795  
7.0 - 9.0 1.368  
9.0 - 12.0 .854  
12.0 - 16.0 .110  
16.0 - 21.0 .052  
21.0 - 28.0 .023  
28.0 - 36.0 .013  
36.0 - 47.0 0.000  
47.0 - 62.0 0.000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 003 113  
DATE 18 JAN 1972  
TIME 20 56 29  
COUNTER NUMBER 7373

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 144.1  
AMBIENT TEMPERATURE (DEG K) 279.3

SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 24.54  
LIQ. WATER CONTENT (GM/M\*\*3) .037

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 5.146  
7.0 - 9.0 4.544  
9.0 - 12.0 1.643  
12.0 - 16.0 .246  
16.0 - 21.0 .140  
21.0 - 28.0 .038  
28.0 - 36.0 .046  
36.0 - 47.0 .045  
47.0 - 62.0 0.000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 003 114  
DATE 18 JAN 1972  
TIME 20 56 32  
COUNTER NUMBER 7376

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 144.1  
AMBIENT TEMPERATURE (DEG K) 279.3

SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 112.67  
LIQ. WATER CONTENT (GM/M\*\*3) .136

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 4.421  
7.0 - 9.0 7.149  
9.0 - 12.0 10.708  
12.0 - 16.0 12.307  
16.0 - 21.0 2.004  
21.0 - 28.0 .030  
28.0 - 36.0 .013  
36.0 - 47.0 .005  
47.0 - 62.0 0.000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 003 115  
DATE 18 JAN 1972  
TIME 20 56 35  
COUNTER NUMBER 7378

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 144.1  
AMBIENT TEMPERATURE (DEG K) 279.2

SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 35.74  
LIQ. WATER CONTENT (GM/M\*\*3) .102

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 4.339  
7.0 - 9.0 4.789  
9.0 - 12.0 2.737  
12.0 - 16.0 1.110  
16.0 - 21.0 .470  
21.0 - 28.0 .313  
28.0 - 36.0 .178  
36.0 - 47.0 .094  
47.0 - 62.0 0.000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 003 116  
DATE 18 JAN 1972  
TIME 20 56 38  
COUNTER NUMBER 7381

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 144.1  
AMBIENT TEMPERATURE (DEG K) 279.0

SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 18.74  
LIQ. WATER CONTENT (GM/M\*\*3) .026

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 2.877  
7.0 - 9.0 2.193  
9.0 - 12.0 1.550  
12.0 - 16.0 .781  
16.0 - 21.0 .228  
21.0 - 28.0 .108  
28.0 - 36.0 .039  
36.0 - 47.0 .005  
47.0 - 62.0 0.000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 003 117  
DATE 18 JAN 1972  
TIME 20 56 41  
COUNTER NUMBER 7383

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 144.1  
AMBIENT TEMPERATURE (DEG K) 279.1

SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 29.33  
LIQ. WATER CONTENT (GM/M\*\*3) .029

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 3.906  
7.0 - 9.0 3.588  
9.0 - 12.0 3.468  
12.0 - 16.0 1.026  
16.0 - 21.0 .207  
21.0 - 28.0 .063  
28.0 - 36.0 .033  
36.0 - 47.0 .005  
47.0 - 62.0 0.000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 003 118  
DATE 18 JAN 1972  
TIME 20 56 45  
COUNTER NUMBER 7387

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 278.4

SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 571.4  
NUMBER DENSITY (NO/CM\*\*3) 25.55  
LIQ. WATER CONTENT (GM/M\*\*3) .022

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 4.905  
7.0 - 9.0 3.732  
9.0 - 12.0 2.250  
12.0 - 16.0 .571  
16.0 - 21.0 .211  
21.0 - 28.0 .054  
28.0 - 36.0 .033  
36.0 - 47.0 0.000  
47.0 - 62.0 0.000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 003 119  
DATE 18 JAN 1972  
TIME 20 56 49  
COUNTER NUMBER 7391

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 278.6

SAMPLED VOLUME (CM\*\*3) 112.0  
SAMPLE INTERVAL (M) 566.3  
NUMBER DENSITY (NO/CM\*\*3) 38.17  
LIQ. WATER CONTENT (GM/M\*\*3) .020

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 7.774  
7.0 - 9.0 8.174  
9.0 - 12.0 2.929  
12.0 - 16.0 .237  
16.0 - 21.0 .005  
21.0 - 28.0 .027  
28.0 - 36.0 .017  
36.0 - 47.0 .007  
47.0 - 62.0 0.000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 003 120  
DATE 18 JAN 1972  
TIME 20 56 51  
COUNTER NUMBER 7392

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 278.6

SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 283.1  
NUMBER DENSITY (NO/CM\*\*3) 12.55  
LIQ. WATER CONTENT (GM/M\*\*3) .020

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 2.595  
7.0 - 9.0 1.920  
9.0 - 12.0 .649  
12.0 - 16.0 .250  
16.0 - 21.0 .200  
21.0 - 28.0 .064  
28.0 - 36.0 .040  
36.0 - 47.0 .010  
47.0 - 62.0 0.000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

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FLIGHT NUMBER 003 121  
DATE 18 JAN 1972  
TIME 20 56 56  
COUNTER NUMBER 7396

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 278.8  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 707.8  
NUMBER DENSITY (NO/CM\*\*3) 76.29  
LIQ. WATER CONTENT (GM/M\*\*3) .034

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	15.952
7.0 - 9.0	16.518
9.0 - 12.0	5.613
12.0 - 16.0	.375
16.0 - 21.0	.089
21.0 - 28.0	.054
28.0 - 36.0	.013
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 122  
DATE 18 JAN 1972  
TIME 20 56 58  
COUNTER NUMBER 7398

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 278.8  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 283.1  
NUMBER DENSITY (NO/CM\*\*3) 39.57  
LIQ. WATER CONTENT (GM/M\*\*3) .034

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.024
7.0 - 9.0	5.214
9.0 - 12.0	4.369
12.0 - 16.0	1.071
16.0 - 21.0	.389
21.0 - 28.0	.079
28.0 - 36.0	.027
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 123  
DATE 18 JAN 1972  
TIME 20 57 1  
COUNTER NUMBER 7400

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 278.7  
  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 420.8  
NUMBER DENSITY (NO/CM\*\*3) 30.24  
LIQ. WATER CONTENT (GM/M\*\*3) .023

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.667
7.0 - 9.0	4.282
9.0 - 12.0	2.461
12.0 - 16.0	.536
16.0 - 21.0	.305
21.0 - 28.0	.065
28.0 - 36.0	.020
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 124  
DATE 18 JAN 1972  
TIME 21 0 30  
COUNTER NUMBER 7460

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 278.8  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 1.25  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.368
7.0 - 9.0	.088
9.0 - 12.0	.059
12.0 - 16.0	.029
16.0 - 21.0	.035
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 125  
DATE 18 JAN 1972  
TIME 21 0 33  
COUNTER NUMBER 7463

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 278.7  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 370.7  
NUMBER DENSITY (NO/CM\*\*3) 2.04  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.327
7.0 - 9.0	.333
9.0 - 12.0	.059
12.0 - 16.0	.103
16.0 - 21.0	.035
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	.011
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 126  
DATE 18 JAN 1972  
TIME 21 0 38  
COUNTER NUMBER 7467

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 278.7  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 617.8  
NUMBER DENSITY (NO/CM\*\*3) 1.12  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.275
7.0 - 9.0	.088
9.0 - 12.0	.058
12.0 - 16.0	.044
16.0 - 21.0	.012
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 127  
DATE 18 JAN 1972  
TIME 21 0 41  
COUNTER NUMBER 7469

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 278.7  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 370.7  
NUMBER DENSITY (NO/CM\*\*3) 21.96  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.673
7.0 - 9.0	1.892
9.0 - 12.0	.817
12.0 - 16.0	.137
16.0 - 21.0	.110
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 128  
DATE 18 JAN 1972  
TIME 21 0 43  
COUNTER NUMBER 7471

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 278.6  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 17.87  
LIQ. WATER CONTENT (GM/M\*\*3) .013

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.487
7.0 - 9.0	1.923
9.0 - 12.0	.699
12.0 - 16.0	.298
16.0 - 21.0	.131
21.0 - 28.0	.033
28.0 - 36.0	.007
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 129  
DATE 18 JAN 1972  
TIME 21 0 46  
COUNTER NUMBER 7474

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 279.0  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 386.1  
NUMBER DENSITY (NO/CM\*\*3) 44.52  
LIQ. WATER CONTENT (GM/M\*\*3) .026

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	13.974
7.0 - 9.0	6.452
9.0 - 12.0	1.859
12.0 - 16.0	.764
16.0 - 21.0	.250
21.0 - 28.0	.093
28.0 - 36.0	.014
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 130  
DATE 18 JAN 1972  
TIME 21 0 50  
COUNTER NUMBER 7477

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.6  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) 83.85  
LIQ. WATER CONTENT (GM/M\*\*3) .045

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	27.679
7.0 - 9.0	9.942
9.0 - 12.0	3.962
12.0 - 16.0	1.577
16.0 - 21.0	.708
21.0 - 28.0	.102
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 131  
DATE 18 JAN 1972  
TIME 21 0 55  
COUNTER NUMBER 7481

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.4  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 186.90  
LIQ. WATER CONTENT (GM/M\*\*3) .069

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	65.064
7.0 - 9.0	30.250
9.0 - 12.0	5.564
12.0 - 16.0	1.995
16.0 - 21.0	.719
21.0 - 28.0	.069
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 132  
DATE 18 JAN 1972  
TIME 21 1 0  
COUNTER NUMBER 7485

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.7  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 347.48  
LIQ. WATER CONTENT (GM/M\*\*3) .100

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	111.692
7.0 - 9.0	71.029
9.0 - 12.0	10.314
12.0 - 16.0	1.231
16.0 - 21.0	.238
21.0 - 28.0	.110
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 003 133  
DATE 18 JAN 1972  
TIME 21 1 3  
COUNTER NUMBER 7488

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.8

SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 386.1  
NUMBER DENSITY (NO/CM\*\*3) 340.63  
LIQ. WATER CONTENT (GM/M\*\*3) .139

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	86.218
7.0 - 9.0	70.519
9.0 - 12.0	16.827
12.0 - 16.0	3.784
16.0 - 21.0	.646
21.0 - 28.0	.162
28.0 - 36.0	.022
36.0 - 47.0	.010
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 134  
DATE 18 JAN 1972  
TIME 21 1 7  
COUNTER NUMBER 7491

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 277.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 509.7  
NUMBER DENSITY (NO/CM\*\*3) 279.53  
LIQ. WATER CONTENT (GM/M\*\*3) .153

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	66.863
7.0 - 9.0	47.549
9.0 - 12.0	17.784
12.0 - 16.0	5.147
16.0 - 21.0	1.541
21.0 - 28.0	.314
28.0 - 36.0	.037
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 135  
DATE 18 JAN 1972  
TIME 21 1 11  
COUNTER NUMBER 7494

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.9

SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 509.7  
NUMBER DENSITY (NO/CM\*\*3) 323.13  
LIQ. WATER CONTENT (GM/M\*\*3) .150

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	71.154
7.0 - 9.0	65.317
9.0 - 12.0	21.250
12.0 - 16.0	3.755
16.0 - 21.0	1.058
21.0 - 28.0	.187
28.0 - 36.0	.050
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 136  
DATE 18 JAN 1972  
TIME 21 1 14  
COUNTER NUMBER 7497

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.9

SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 386.1  
NUMBER DENSITY (NO/CM\*\*3) 414.17  
LIQ. WATER CONTENT (GM/M\*\*3) .194

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	94.987
7.0 - 9.0	81.731
9.0 - 12.0	45.878
12.0 - 16.0	5.029
16.0 - 21.0	1.692
21.0 - 28.0	.239
28.0 - 36.0	.036
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 137  
DATE 18 JAN 1972  
TIME 21 1 18  
COUNTER NUMBER 7500

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 277.5

SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) 528.02  
LIQ. WATER CONTENT (GM/M\*\*3) .187

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	113.462
7.0 - 9.0	116.827
9.0 - 12.0	37.936
12.0 - 16.0	2.144
16.0 - 21.0	.288
21.0 - 28.0	.041
28.0 - 36.0	0.000
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 138  
DATE 18 JAN 1972  
TIME 21 1 22  
COUNTER NUMBER 7503

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 277.6

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 362.49  
LIQ. WATER CONTENT (GM/M\*\*3) .216

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	62.824
7.0 - 9.0	61.422
9.0 - 12.0	33.556
12.0 - 16.0	8.661
16.0 - 21.0	1.420
21.0 - 28.0	.359
28.0 - 36.0	.044
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 139  
DATE 18 JAN 1972  
TIME 21 1 25  
COUNTER NUMBER 7506

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 278.0

SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 378.4  
NUMBER DENSITY (NO/CM\*\*3) 514.23  
LIQ. WATER CONTENT (GM/M\*\*3) .233

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	101.077
7.0 - 9.0	98.279
9.0 - 12.0	44.968
12.0 - 16.0	6.159
16.0 - 21.0	1.042
21.0 - 28.0	.162
28.0 - 36.0	.014
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 140  
DATE 18 JAN 1972  
TIME 21 1 30  
COUNTER NUMBER 7510

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 277.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 637.1  
NUMBER DENSITY (NO/CM\*\*3) 444.86  
LIQ. WATER CONTENT (GM/M\*\*3) .280

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	72.013
7.0 - 9.0	70.431
9.0 - 12.0	43.791
12.0 - 16.0	12.515
16.0 - 21.0	2.388
21.0 - 28.0	.314
28.0 - 36.0	.044
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 141  
DATE 18 JAN 1972  
TIME 21 1 35  
COUNTER NUMBER 7514

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 277.8

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 624.2  
NUMBER DENSITY (NO/CM\*\*3) 479.31  
LIQ. WATER CONTENT (GM/M\*\*3) .320

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	70.863
7.0 - 9.0	69.539
9.0 - 12.0	52.549
12.0 - 16.0	14.902
16.0 - 21.0	2.780
21.0 - 28.0	.331
28.0 - 36.0	.051
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 142  
DATE 18 JAN 1972  
TIME 21 1 39  
COUNTER NUMBER 7518

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 277.5

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 494.2  
NUMBER DENSITY (NO/CM\*\*3) 499.10  
LIQ. WATER CONTENT (GM/M\*\*3) .324

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	68.458
7.0 - 9.0	74.441
9.0 - 12.0	54.941
12.0 - 16.0	17.417
16.0 - 21.0	2.157
21.0 - 28.0	.297
28.0 - 36.0	.015
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 143  
DATE 18 JAN 1972  
TIME 21 1 45  
COUNTER NUMBER 7523

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 277.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 741.3  
NUMBER DENSITY (NO/CM\*\*3) 624.33  
LIQ. WATER CONTENT (GM/M\*\*3) .397

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	71.516
7.0 - 9.0	91.725
9.0 - 12.0	78.876
12.0 - 16.0	21.461
16.0 - 21.0	1.961
21.0 - 28.0	.157
28.0 - 36.0	.029
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 144  
DATE 18 JAN 1972  
TIME 21 1 49  
COUNTER NUMBER 7526

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 277.6

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 494.2  
NUMBER DENSITY (NO/CM\*\*3) 554.29  
LIQ. WATER CONTENT (GM/M\*\*3) .349

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	69.725
7.0 - 9.0	85.990
9.0 - 12.0	62.948
12.0 - 16.0	19.132
16.0 - 21.0	2.204
21.0 - 28.0	.182
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER	003	145	FLIGHT NUMBER	003	146	FLIGHT NUMBER	003	147
DATE 18 JAN 1972			DATE 18 JAN 1972			DATE 18 JAN 1972		
TIME 21 14 50			TIME 21 14 11			TIME 21 14 15		
COUNTER NUMBER 7527			COUNTER NUMBER 7617			COUNTER NUMBER 7621		
AIRCRAFT ALTITUDE (KM)	.9		AIRCRAFT ALTITUDE (KM)	.6		AIRCRAFT ALTITUDE (KM)	.6	
AIRCRAFT VELOCITY (M/S)	126.1		AIRCRAFT VELOCITY (M/S)	254.8		AIRCRAFT VELOCITY (M/S)	254.8	
AMBIENT TEMPERATURE (DEG K)	277.6		AMBIENT TEMPERATURE (DEG K)	282.3		AMBIENT TEMPERATURE (DEG K)	282.6	
SAMPLED VOLUME (CM**3)	51.0		SAMPLED VOLUME (CM**3)	89.0		SAMPLED VOLUME (CM**3)	89.0	
SAMPLE INTERVAL (M)	124.6		SAMPLE INTERVAL (M)	0.0		SAMPLE INTERVAL (M)	1019.3	
NUMBER DENSITY (NO/CM**3)	7.49		NUMBER DENSITY (NO/CM**3)	9.91		NUMBER DENSITY (NO/CM**3)	162.16	
LIQ. WATER CONTENT (GM/M**3)	.004		LIQ. WATER CONTENT (GM/M**3)	.002		LIQ. WATER CONTENT (GM/M**3)	.057	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	1.255		5.5 - 7.0	4.232		5.5 - 7.0	45.154	
7.0 - 9.0	.980		7.0 - 9.0	1.421		7.0 - 9.0	29.702	
9.0 - 12.0	.895		9.0 - 12.0	.161		9.0 - 12.0	9.150	
12.0 - 16.0	.225		12.0 - 16.0	.059		12.0 - 16.0	1.719	
16.0 - 21.0	.012		16.0 - 21.0	0.000		16.0 - 21.0	.112	
21.0 - 28.0	0.000		21.0 - 28.0	0.000		21.0 - 28.0	.019	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	0.000	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	003	148	FLIGHT NUMBER	003	149	FLIGHT NUMBER	003	150
DATE 18 JAN 1972			DATE 18 JAN 1972			DATE 18 JAN 1972		
TIME 21 14 20			TIME 21 14 25			TIME 21 14 30		
COUNTER NUMBER 7625			COUNTER NUMBER 7629			COUNTER NUMBER 7633		
AIRCRAFT ALTITUDE (KM)	.6		AIRCRAFT ALTITUDE (KM)	.6		AIRCRAFT ALTITUDE (KM)	.6	
AIRCRAFT VELOCITY (M/S)	254.6		AIRCRAFT VELOCITY (M/S)	252.3		AIRCRAFT VELOCITY (M/S)	252.3	
AMBIENT TEMPERATURE (DEG K)	282.5		AMBIENT TEMPERATURE (DEG K)	282.0		AMBIENT TEMPERATURE (DEG K)	281.7	
SAMPLED VOLUME (CM**3)	89.0		SAMPLED VOLUME (CM**3)	88.0		SAMPLED VOLUME (CM**3)	88.0	
SAMPLE INTERVAL (M)	1274.1		SAMPLE INTERVAL (M)	1267.7		SAMPLE INTERVAL (M)	1261.3	
NUMBER DENSITY (NO/CM**3)	274.31		NUMBER DENSITY (NO/CM**3)	45.10		NUMBER DENSITY (NO/CM**3)	158.93	
LIQ. WATER CONTENT (GM/M**3)	.085		LIQ. WATER CONTENT (GM/M**3)	.014		LIQ. WATER CONTENT (GM/M**3)	.045	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	82.022		5.5 - 7.0	13.159		5.5 - 7.0	50.023	
7.0 - 9.0	51.983		7.0 - 9.0	8.449		7.0 - 9.0	30.290	
9.0 - 12.0	13.142		9.0 - 12.0	2.402		9.0 - 12.0	6.818	
12.0 - 16.0	1.744		12.0 - 16.0	.273		12.0 - 16.0	.682	
16.0 - 21.0	.175		16.0 - 21.0	.034		16.0 - 21.0	.027	
21.0 - 28.0	.005		21.0 - 28.0	0.000		21.0 - 28.0	0.000	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	0.000	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	003	151	FLIGHT NUMBER	003	152	FLIGHT NUMBER	003	153
DATE 18 JAN 1972			DATE 18 JAN 1972			DATE 18 JAN 1972		
TIME 21 14 33			TIME 21 14 39			TIME 21 14 45		
COUNTER NUMBER 7636			COUNTER NUMBER 7641			COUNTER NUMBER 7646		
AIRCRAFT ALTITUDE (KM)	.6		AIRCRAFT ALTITUDE (KM)	.6		AIRCRAFT ALTITUDE (KM)	.3	
AIRCRAFT VELOCITY (M/S)	254.8		AIRCRAFT VELOCITY (M/S)	254.8		AIRCRAFT VELOCITY (M/S)	254.8	
AMBIENT TEMPERATURE (DEG K)	281.6		AMBIENT TEMPERATURE (DEG K)	281.2		AMBIENT TEMPERATURE (DEG K)	281.2	
SAMPLED VOLUME (CM**3)	89.0		SAMPLED VOLUME (CM**3)	89.0		SAMPLED VOLUME (CM**3)	89.0	
SAMPLE INTERVAL (M)	700.6		SAMPLE INTERVAL (M)	1529.0		SAMPLE INTERVAL (M)	1529.0	
NUMBER DENSITY (NO/CM**3)	14.17		NUMBER DENSITY (NO/CM**3)	157.38		NUMBER DENSITY (NO/CM**3)	149.26	
LIQ. WATER CONTENT (GM/M**3)	.004		LIQ. WATER CONTENT (GM/M**3)	.058		LIQ. WATER CONTENT (GM/M**3)	.060	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	5.640		5.5 - 7.0	42.831		5.5 - 7.0	40.682	
7.0 - 9.0	2.034		7.0 - 9.0	27.910		7.0 - 9.0	24.416	
9.0 - 12.0	.375		9.0 - 12.0	9.655		9.0 - 12.0	9.536	
12.0 - 16.0	.112		12.0 - 16.0	1.843		12.0 - 16.0	2.326	
16.0 - 21.0	.013		16.0 - 21.0	.182		16.0 - 21.0	.272	
21.0 - 28.0	0.000		21.0 - 28.0	.010		21.0 - 28.0	.019	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	0.000	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	003	154	FLIGHT NUMBER	003	155	FLIGHT NUMBER	003	156
DATE 18 JAN 1972			DATE 18 JAN 1972			DATE 18 JAN 1972		
TIME 21 14 49			TIME 21 14 51			TIME 21 14 55		
COUNTER NUMBER 7649			COUNTER NUMBER 7651			COUNTER NUMBER 7654		
AIRCRAFT ALTITUDE (KM)	.3		AIRCRAFT ALTITUDE (KM)	.3		AIRCRAFT ALTITUDE (KM)	.3	
AIRCRAFT VELOCITY (M/S)	254.8		AIRCRAFT VELOCITY (M/S)	254.8		AIRCRAFT VELOCITY (M/S)	254.8	
AMBIENT TEMPERATURE (DEG K)	281.6		AMBIENT TEMPERATURE (DEG K)	281.3		AMBIENT TEMPERATURE (DEG K)	281.1	
SAMPLED VOLUME (CM**3)	89.0		SAMPLED VOLUME (CM**3)	89.0		SAMPLED VOLUME (CM**3)	89.0	
SAMPLE INTERVAL (M)	1019.3		SAMPLE INTERVAL (M)	509.7		SAMPLE INTERVAL (M)	1019.3	
NUMBER DENSITY (NO/CM**3)	215.34		NUMBER DENSITY (NO/CM**3)	205.39		NUMBER DENSITY (NO/CM**3)	152.56	
LIQ. WATER CONTENT (GM/M**3)	.073		LIQ. WATER CONTENT (GM/M**3)	.036		LIQ. WATER CONTENT (GM/M**3)	.085	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	66.382		5.5 - 7.0	105.640		5.5 - 7.0	30.801	
7.0 - 9.0	36.601		7.0 - 9.0	21.994		7.0 - 9.0	23.135	
9.0 - 12.0	11.116		9.0 - 12.0	.959		9.0 - 12.0	12.697	
12.0 - 16.0	1.955		12.0 - 16.0	.017		12.0 - 16.0	4.615	
16.0 - 21.0	.258		16.0 - 21.0	0.000		16.0 - 21.0	.618	
21.0 - 28.0	.014		21.0 - 28.0	0.000		21.0 - 28.0	.064	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	0.000	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	

FLIGHT NUMBER 003 157  
DATE 18 JAN 1972  
TIME 21 15 1  
COUNTER NUMBER 7659

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 280.3

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 1521.2  
NUMBER DENSITY (NO/CM\*\*3) 245.82  
LIQ. WATER CONTENT (GM/M\*\*3) .081

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	68.205
7.0 - 9.0	46.182
9.0 - 12.0	14.652
12.0 - 16.0	1.659
16.0 - 21.0	.105
21.0 - 28.0	.005
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 158  
DATE 18 JAN 1972  
TIME 21 15 5  
COUNTER NUMBER 7663

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 254.8  
AMBIENT TEMPERATURE (DEG K) 280.7

SAMPLED VOLUME (CM\*\*3) 89.0  
SAMPLE INTERVAL (M) 1014.2  
NUMBER DENSITY (NO/CM\*\*3) 244.63  
LIQ. WATER CONTENT (GM/M\*\*3) .085

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	67.363
7.0 - 9.0	44.416
9.0 - 12.0	14.944
12.0 - 16.0	2.289
16.0 - 21.0	.146
21.0 - 28.0	.005
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 159  
DATE 18 JAN 1972  
TIME 21 15 11  
COUNTER NUMBER 7667

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 254.8  
AMBIENT TEMPERATURE (DEG K) 280.3

SAMPLED VOLUME (CM\*\*3) 89.0  
SAMPLE INTERVAL (M) 1529.0  
NUMBER DENSITY (NO/CM\*\*3) 158.81  
LIQ. WATER CONTENT (GM/M\*\*3) .094

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	33.775
7.0 - 9.0	24.837
9.0 - 12.0	12.371
12.0 - 16.0	3.756
16.0 - 21.0	1.081
21.0 - 28.0	.114
28.0 - 36.0	.017
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 160  
DATE 18 JAN 1972  
TIME 21 15 15  
COUNTER NUMBER 7671

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 280.3

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 1014.2  
NUMBER DENSITY (NO/CM\*\*3) 204.55  
LIQ. WATER CONTENT (GM/M\*\*3) .109

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	44.553
7.0 - 9.0	33.307
9.0 - 12.0	16.144
12.0 - 16.0	4.429
16.0 - 21.0	.773
21.0 - 28.0	.136
28.0 - 36.0	.013
36.0 - 47.0	.003
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 161  
DATE 18 JAN 1972  
TIME 21 15 20  
COUNTER NUMBER 7675

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 280.1

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) 273.31  
LIQ. WATER CONTENT (GM/M\*\*3) .075

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	94.220
7.0 - 9.0	48.722
9.0 - 12.0	9.644
12.0 - 16.0	1.224
16.0 - 21.0	.127
21.0 - 28.0	.010
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 162  
DATE 18 JAN 1972  
TIME 21 15 25  
COUNTER NUMBER 7679

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 280.3

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) 196.10  
LIQ. WATER CONTENT (GM/M\*\*3) .064

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	60.606
7.0 - 9.0	35.227
9.0 - 12.0	9.148
12.0 - 16.0	1.543
16.0 - 21.0	.198
21.0 - 28.0	.015
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 163  
DATE 18 JAN 1972  
TIME 21 15 30  
COUNTER NUMBER 7683

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 280.0

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) 108.00  
LIQ. WATER CONTENT (GM/M\*\*3) .034

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	38.348
7.0 - 9.0	17.114
9.0 - 12.0	3.977
12.0 - 16.0	.852
16.0 - 21.0	.148
21.0 - 28.0	.024
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 164  
DATE 18 JAN 1972  
TIME 21 15 35  
COUNTER NUMBER 7687

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 280.4

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) 101.17  
LIQ. WATER CONTENT (GM/M\*\*3) .024

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	42.258
7.0 - 9.0	15.017
9.0 - 12.0	2.129
12.0 - 16.0	.273
16.0 - 21.0	.048
21.0 - 28.0	.005
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 165  
DATE 18 JAN 1972  
TIME 21 15 40  
COUNTER NUMBER 7692

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 280.0

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) 54.55  
LIQ. WATER CONTENT (GM/M\*\*3) .018

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	18.318
7.0 - 9.0	8.926
9.0 - 12.0	2.330
12.0 - 16.0	.443
16.0 - 21.0	.077
21.0 - 28.0	.010
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 166  
DATE 18 JAN 1972  
TIME 21 15 45  
COUNTER NUMBER 7696

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 279.9

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) 56.26  
LIQ. WATER CONTENT (GM/M\*\*3) .016

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	21.066
7.0 - 9.0	8.767
9.0 - 12.0	1.905
12.0 - 16.0	.293
16.0 - 21.0	.041
21.0 - 28.0	.005
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 167  
DATE 18 JAN 1972  
TIME 21 15 50  
COUNTER NUMBER 7700

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 280.1

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) 34.57  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	15.720
7.0 - 9.0	4.438
9.0 - 12.0	.553
12.0 - 16.0	.080
16.0 - 21.0	.020
21.0 - 28.0	.005
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 168  
DATE 18 JAN 1972  
TIME 21 15 55  
COUNTER NUMBER 7704

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 279.8

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) 2.18  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.871
7.0 - 9.0	.335
9.0 - 12.0	.057
12.0 - 16.0	0.000
16.0 - 21.0	.007
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 003 169  
 DATE 18 JAN 1972  
 TIME 21 15 56  
 COUNTER NUMBER 7705

AIRCRAFT ALTITUDE (KM) .3  
 AIRCRAFT VELOCITY (M/S) 252.3  
 AMBIENT TEMPERATURE (DEG K) 279.8  
 SAMPLED VOLUME (CM\*\*3) 88.0  
 SAMPLE INTERVAL (M) 252.3  
 NUMBER DENSITY (NO/CM\*\*3) .59  
 LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.212
7.0 - 9.0	.068
9.0 - 12.0	.011
12.0 - 16.0	.009
16.0 - 21.0	.014
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 170  
 DATE 18 JAN 1972  
 TIME 21 15 59  
 COUNTER NUMBER 7708

AIRCRAFT ALTITUDE (KM) .3  
 AIRCRAFT VELOCITY (M/S) 252.3  
 AMBIENT TEMPERATURE (DEG K) 280.0  
 SAMPLED VOLUME (CM\*\*3) 176.0  
 SAMPLE INTERVAL (M) 756.8  
 NUMBER DENSITY (NO/CM\*\*3) .42  
 LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.201
7.0 - 9.0	.043
9.0 - 12.0	.006
12.0 - 16.0	.004
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 003 171  
 DATE 18 JAN 1972  
 TIME 21 16 1  
 COUNTER NUMBER 7709

AIRCRAFT ALTITUDE (KM) .3  
 AIRCRAFT VELOCITY (M/S) 252.3  
 AMBIENT TEMPERATURE (DEG K) 280.1  
 SAMPLED VOLUME (CM\*\*3) 88.0  
 SAMPLE INTERVAL (M) 504.5  
 NUMBER DENSITY (NO/CM\*\*3) .66  
 LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.258
7.0 - 9.0	.068
9.0 - 12.0	.023
12.0 - 16.0	.017
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT 4

FLIGHT NUMBER 004 1  
DATE 20 JAN 1972  
TIME 17 0 47  
COUNTER NUMBER 8168

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 255.1  
AMBIENT TEMPERATURE (DEG K) 222.4  
  
SAMPLED VOLUME (CM\*\*3) 92.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .66  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.312
7.0 - 9.0	.098
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 2  
DATE 20 JAN 1972  
TIME 17 0 48  
COUNTER NUMBER 8169

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 254.8  
AMBIENT TEMPERATURE (DEG K) 222.4  
  
SAMPLED VOLUME (CM\*\*3) 89.0  
SAMPLE INTERVAL (M) 260.0  
NUMBER DENSITY (NO/CM\*\*3) .28  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.187
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 3  
DATE 20 JAN 1972  
TIME 17 0 49  
COUNTER NUMBER 8170

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.7  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 253.5  
NUMBER DENSITY (NO/CM\*\*3) .67  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.402
7.0 - 9.0	.034
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 4  
DATE 20 JAN 1972  
TIME 17 0 50  
COUNTER NUMBER 8171

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.6  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 1.13  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.591
7.0 - 9.0	.102
9.0 - 12.0	.011
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 5  
DATE 20 JAN 1972  
TIME 17 0 51  
COUNTER NUMBER 8172

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.4  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) .39  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.212
7.0 - 9.0	.034
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 6  
DATE 20 JAN 1972  
TIME 17 0 52  
COUNTER NUMBER 8172

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 267.7  
AMBIENT TEMPERATURE (DEG K) 222.5  
  
SAMPLED VOLUME (CM\*\*3) 93.0  
SAMPLE INTERVAL (M) 260.0  
NUMBER DENSITY (NO/CM\*\*3) .37  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.201
7.0 - 9.0	.032
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 7  
DATE 20 JAN 1972  
TIME 17 0 53  
COUNTER NUMBER 8173

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.5  
  
SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 260.0  
NUMBER DENSITY (NO/CM\*\*3) .07  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.034
7.0 - 9.0	.009
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 8  
DATE 20 JAN 1972  
TIME 17 0 54  
COUNTER NUMBER 8174

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.6  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 1.88  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.159
7.0 - 9.0	.068
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 9  
DATE 20 JAN 1972  
TIME 17 0 55  
COUNTER NUMBER 8175

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 222.4  
  
SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 251.0  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.138
7.0 - 9.0	.017
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 10  
DATE 20 JAN 1972  
TIME 17 0 56  
COUNTER NUMBER 8176

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.3  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 251.0  
NUMBER DENSITY (NO/CM\*\*3) .77  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.470
7.0 - 9.0	.034
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 11  
DATE 20 JAN 1972  
TIME 17 0 58  
COUNTER NUMBER 8177

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.3  
  
SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) .55  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.352
7.0 - 9.0	.009
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 12  
DATE 20 JAN 1972  
TIME 17 0 59  
COUNTER NUMBER 8178

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.2  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 3.05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.939
7.0 - 9.0	.051
9.0 - 12.0	.011
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 004 13  
DATE 20 JAN 1972  
TIME 17 1 0  
COUNTER NUMBER 8179  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 222.4  
  
SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 251.0  
NUMBER DENSITY (NO/CM\*\*3) 4.33  
LIQ. WATER CONTENT (GM/M\*\*3) .001  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.414
7.0 - 9.0	.339
9.0 - 12.0	.011
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 14  
DATE 20 JAN 1972  
TIME 17 1 1  
COUNTER NUMBER 8180  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.6  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 251.0  
NUMBER DENSITY (NO/CM\*\*3) 6.69  
LIQ. WATER CONTENT (GM/M\*\*3) .001  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.856
7.0 - 9.0	.386
9.0 - 12.0	.034
12.0 - 16.0	.009
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 15  
DATE 20 JAN 1972  
TIME 17 1 2  
COUNTER NUMBER 8181  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.7  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 7.06  
LIQ. WATER CONTENT (GM/M\*\*3) .001  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.045
7.0 - 9.0	.443
9.0 - 12.0	.034
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 16  
DATE 20 JAN 1972  
TIME 17 1 3  
COUNTER NUMBER 8182  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.8  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 6.24  
LIQ. WATER CONTENT (GM/M\*\*3) .001  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.477
7.0 - 9.0	.477
9.0 - 12.0	.023
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 17  
DATE 20 JAN 1972  
TIME 17 1 5  
COUNTER NUMBER 8183  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.8  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 6.34  
LIQ. WATER CONTENT (GM/M\*\*3) .001  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.333
7.0 - 9.0	.636
9.0 - 12.0	.023
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 18  
DATE 20 JAN 1972  
TIME 17 1 6  
COUNTER NUMBER 8184  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.8  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 5.63  
LIQ. WATER CONTENT (GM/M\*\*3) .001  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.379
7.0 - 9.0	.193
9.0 - 12.0	.045
12.0 - 16.0	.009
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 19  
DATE 20 JAN 1972  
TIME 17 1 7  
COUNTER NUMBER 8185  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.3  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 5.89  
LIQ. WATER CONTENT (GM/M\*\*3) .001  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.288
7.0 - 9.0	.400
9.0 - 12.0	.011
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 20  
DATE 20 JAN 1972  
TIME 17 1 9  
COUNTER NUMBER 8186  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.5  
  
SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 1.19  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.697
7.0 - 9.0	.071
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 21  
DATE 20 JAN 1972  
TIME 17 1 10  
COUNTER NUMBER 8187  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.6  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) .99  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.636
7.0 - 9.0	.017
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 22  
DATE 20 JAN 1972  
TIME 17 1 11  
COUNTER NUMBER 8188  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.6  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 1.97  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.083
7.0 - 9.0	.119
9.0 - 12.0	.034
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 23  
DATE 20 JAN 1972  
TIME 17 1 12  
COUNTER NUMBER 8189  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.6  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 3.51  
LIQ. WATER CONTENT (GM/M\*\*3) .001  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.962
7.0 - 9.0	.284
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 24  
DATE 20 JAN 1972  
TIME 17 1 13  
COUNTER NUMBER 8190  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.7  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 2.08  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.295
7.0 - 9.0	.051
9.0 - 12.0	.011
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000



FLIGHT NUMBER 004 25  
DATE 20 JAN 1972  
TIME 17 1 15  
COUNTER NUMBER 8191

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.7

SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) .97  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.614
7.0 - 9.0	.009
9.0 - 12.0	.006
12.0 - 16.0	.004
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 26  
DATE 20 JAN 1972  
TIME 17 1 16  
COUNTER NUMBER 8192

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 222.8

SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 251.0  
NUMBER DENSITY (NO/CM\*\*3) 1.93  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.027
7.0 - 9.0	.178
9.0 - 12.0	.011
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 27  
DATE 20 JAN 1972  
TIME 17 1 17  
COUNTER NUMBER 8193

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.7

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 251.0  
NUMBER DENSITY (NO/CM\*\*3) 2.55  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.326
7.0 - 9.0	.227
9.0 - 12.0	.034
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 28  
DATE 20 JAN 1972  
TIME 17 1 19  
COUNTER NUMBER 8194

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.4

SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) .19  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.117
7.0 - 9.0	.009
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 29  
DATE 20 JAN 1972  
TIME 17 1 23  
COUNTER NUMBER 8198

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.8

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 1009.0  
NUMBER DENSITY (NO/CM\*\*3) 4.03  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.917
7.0 - 9.0	.460
9.0 - 12.0	.057
12.0 - 16.0	.017
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 30  
DATE 20 JAN 1972  
TIME 17 1 25  
COUNTER NUMBER 8199

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.9

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 5.89  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.220
7.0 - 9.0	.477
9.0 - 12.0	.023
12.0 - 16.0	.009
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 31  
DATE 20 JAN 1972  
TIME 17 1 26  
COUNTER NUMBER 8200

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.9

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 9.22  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.492
7.0 - 9.0	1.028
9.0 - 12.0	.117
12.0 - 16.0	.017
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 32  
DATE 20 JAN 1972  
TIME 17 1 27  
COUNTER NUMBER 8201

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 222.7

SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 249.7  
NUMBER DENSITY (NO/CM\*\*3) 9.78  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.621
7.0 - 9.0	1.126
9.0 - 12.0	.165
12.0 - 16.0	.026
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 33  
DATE 20 JAN 1972  
TIME 17 1 28  
COUNTER NUMBER 8202

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.8

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 249.7  
NUMBER DENSITY (NO/CM\*\*3) 4.75  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.273
7.0 - 9.0	.568
9.0 - 12.0	.057
12.0 - 16.0	.009
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 34  
DATE 20 JAN 1972  
TIME 17 1 29  
COUNTER NUMBER 8203

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.7

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 1.36  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.492
7.0 - 9.0	.244
9.0 - 12.0	.011
12.0 - 16.0	.009
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 35  
DATE 20 JAN 1972  
TIME 17 1 30  
COUNTER NUMBER 8204

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.4

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) .45  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.258
7.0 - 9.0	.034
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 36  
DATE 20 JAN 1972  
TIME 17 1 32  
COUNTER NUMBER 8205

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 222.8

SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 501.9  
NUMBER DENSITY (NO/CM\*\*3) 2.97  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.602
7.0 - 9.0	.230
9.0 - 12.0	.011
12.0 - 16.0	.017
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 004 37  
DATE 20 JAN 1972  
TIME 17 1 33  
COUNTER NUMBER 8206

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.7  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 251.0  
NUMBER DENSITY (NO/CM\*\*3) 8.05  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.303
7.0 - 9.0	.585
9.0 - 12.0	.129
12.0 - 16.0	0.000
16.0 - 21.0	.007
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 38  
DATE 20 JAN 1972  
TIME 17 1 34  
COUNTER NUMBER 8207

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.8  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 14.08  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.720
7.0 - 9.0	1.597
9.0 - 12.0	.235
12.0 - 16.0	.026
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 39  
DATE 20 JAN 1972  
TIME 17 1 35  
COUNTER NUMBER 8208

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.1  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 20.00  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	10.364
7.0 - 9.0	1.949
9.0 - 12.0	.163
12.0 - 16.0	.017
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 40  
DATE 20 JAN 1972  
TIME 17 1 36  
COUNTER NUMBER 8209

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.9  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 20.41  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	11.765
7.0 - 9.0	.886
9.0 - 12.0	.295
12.0 - 16.0	.017
16.0 - 21.0	.007
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 41  
DATE 20 JAN 1972  
TIME 17 1 37  
COUNTER NUMBER 8210

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.0  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 18.14  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.326
7.0 - 9.0	1.614
9.0 - 12.0	.295
12.0 - 16.0	.009
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 42  
DATE 20 JAN 1972  
TIME 17 1 39  
COUNTER NUMBER 8211

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.9  
  
SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 6.20  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.447
7.0 - 9.0	1.045
9.0 - 12.0	.117
12.0 - 16.0	.021
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 43  
DATE 20 JAN 1972  
TIME 17 1 40  
COUNTER NUMBER 8212

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.0  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 21.91  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	11.144
7.0 - 9.0	2.108
9.0 - 12.0	.246
12.0 - 16.0	.060
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 44  
DATE 20 JAN 1972  
TIME 17 1 41  
COUNTER NUMBER 8213

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.6  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 20.83  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	10.508
7.0 - 9.0	2.131
9.0 - 12.0	.235
12.0 - 16.0	.009
16.0 - 21.0	.014
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 45  
DATE 20 JAN 1972  
TIME 17 1 42  
COUNTER NUMBER 8214

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.8  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 15.93  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.598
7.0 - 9.0	1.864
9.0 - 12.0	.212
12.0 - 16.0	.043
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 46  
DATE 20 JAN 1972  
TIME 17 1 44  
COUNTER NUMBER 8215

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.9  
  
SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 2.83  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.383
7.0 - 9.0	.264
9.0 - 12.0	.064
12.0 - 16.0	.004
16.0 - 21.0	.003
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 47  
DATE 20 JAN 1972  
TIME 17 1 45  
COUNTER NUMBER 8216

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.9  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) .39  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.235
7.0 - 9.0	.017
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 48  
DATE 20 JAN 1972  
TIME 17 1 51  
COUNTER NUMBER 8221

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 223.1  
  
SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 1505.8  
NUMBER DENSITY (NO/CM\*\*3) .07  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.005
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 004 49  
DATE 20 JAN 1972  
TIME 17 1 54  
COUNTER NUMBER 8224

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 222.9  
SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 749.0  
NUMBER DENSITY (NO/CM\*\*3) 7.91  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.586
7.0 - 9.0	.948
9.0 - 12.0	.165
12.0 - 16.0	.009
16.0 - 21.0	.014
21.0 - 28.0	.005
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 50  
DATE 20 JAN 1972  
TIME 17 1 55  
COUNTER NUMBER 8225

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.9  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 251.0  
NUMBER DENSITY (NO/CM\*\*3) 11.99  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.492
7.0 - 9.0	1.420
9.0 - 12.0	.223
12.0 - 16.0	.043
16.0 - 21.0	.014
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 51  
DATE 20 JAN 1972  
TIME 17 1 57  
COUNTER NUMBER 8226

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.0  
SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 9.38  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.273
7.0 - 9.0	1.116
9.0 - 12.0	.212
12.0 - 16.0	.017
16.0 - 21.0	.007
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 52  
DATE 20 JAN 1972  
TIME 17 1 58  
COUNTER NUMBER 8227

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.8  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 27.56  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	12.659
7.0 - 9.0	3.316
9.0 - 12.0	.458
12.0 - 16.0	.114
16.0 - 21.0	.020
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 53  
DATE 20 JAN 1972  
TIME 17 2 0  
COUNTER NUMBER 8229

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.2  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 19.51  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.606
7.0 - 9.0	2.074
9.0 - 12.0	.201
12.0 - 16.0	.071
16.0 - 21.0	.007
21.0 - 28.0	.005
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 54  
DATE 20 JAN 1972  
TIME 17 2 1  
COUNTER NUMBER 8230

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.4  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 13.32  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.939
7.0 - 9.0	1.807
9.0 - 12.0	.152
12.0 - 16.0	.051
16.0 - 21.0	.020
21.0 - 28.0	.005
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 55  
DATE 20 JAN 1972  
TIME 17 2 2  
COUNTER NUMBER 8231

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.5  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 20.90  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.939
7.0 - 9.0	2.290
9.0 - 12.0	.364
12.0 - 16.0	.071
16.0 - 21.0	.007
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 56  
DATE 20 JAN 1972  
TIME 17 2 3  
COUNTER NUMBER 8232

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.3  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 10.70  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.947
7.0 - 9.0	1.256
9.0 - 12.0	.246
12.0 - 16.0	.009
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 57  
DATE 20 JAN 1972  
TIME 17 2 5  
COUNTER NUMBER 8233

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 254.8  
AMBIENT TEMPERATURE (DEG K) 223.4  
SAMPLED VOLUME (CM\*\*3) 89.0  
SAMPLE INTERVAL (M) 507.1  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.022
7.0 - 9.0	.017
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.005
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 58  
DATE 20 JAN 1972  
TIME 17 2 9  
COUNTER NUMBER 8236

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 254.8  
AMBIENT TEMPERATURE (DEG K) 224.0  
SAMPLED VOLUME (CM\*\*3) 89.0  
SAMPLE INTERVAL (M) 1019.3  
NUMBER DENSITY (NO/CM\*\*3) .13  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.090
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 59  
DATE 20 JAN 1972  
TIME 17 2 10  
COUNTER NUMBER 8237

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.4  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 253.5  
NUMBER DENSITY (NO/CM\*\*3) 3.70  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.182
7.0 - 9.0	.670
9.0 - 12.0	.106
12.0 - 16.0	.051
16.0 - 21.0	.007
21.0 - 28.0	.005
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 60  
DATE 20 JAN 1972  
TIME 17 2 11  
COUNTER NUMBER 8238

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.0  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 156.80  
LIQ. WATER CONTENT (GM/M\*\*3) .044

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	62.902
7.0 - 9.0	22.744
9.0 - 12.0	3.939
12.0 - 16.0	1.020
16.0 - 21.0	.170
21.0 - 28.0	.024
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

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FLIGHT NUMBER 004 61  
DATE 20 JAN 1972  
TIME 17 2 12  
COUNTER NUMBER 8239

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.1  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 173.58  
LIQ. WATER CONTENT (GM/M\*\*3) .041

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	78.167
7.0 - 9.0	21.909
9.0 - 12.0	3.004
12.0 - 16.0	.682
16.0 - 21.0	.148
21.0 - 28.0	.005
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 62  
DATE 20 JAN 1972  
TIME 17 2 14  
COUNTER NUMBER 8240

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.2  
  
SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 78.59  
LIQ. WATER CONTENT (GM/M\*\*3) .023

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	33.034
7.0 - 9.0	10.520
9.0 - 12.0	1.828
12.0 - 16.0	.466
16.0 - 21.0	.117
21.0 - 28.0	.007
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 63  
DATE 20 JAN 1972  
TIME 17 2 15  
COUNTER NUMBER 8241

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.3  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 162.68  
LIQ. WATER CONTENT (GM/M\*\*3) .042

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	70.167
7.0 - 9.0	20.881
9.0 - 12.0	3.678
12.0 - 16.0	.912
16.0 - 21.0	.191
21.0 - 28.0	.005
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 64  
DATE 20 JAN 1972  
TIME 17 2 16  
COUNTER NUMBER 8242

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.6  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 173.43  
LIQ. WATER CONTENT (GM/M\*\*3) .044

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	78.409
7.0 - 9.0	21.409
9.0 - 12.0	3.527
12.0 - 16.0	.895
16.0 - 21.0	.134
21.0 - 28.0	.019
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 65  
DATE 20 JAN 1972  
TIME 17 2 17  
COUNTER NUMBER 8243

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.6  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 184.81  
LIQ. WATER CONTENT (GM/M\*\*3) .047

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	80.205
7.0 - 9.0	23.506
9.0 - 12.0	4.223
12.0 - 16.0	.940
16.0 - 21.0	.184
21.0 - 28.0	.019
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 66  
DATE 20 JAN 1972  
TIME 17 2 19  
COUNTER NUMBER 8244

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.4  
  
SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 72.32  
LIQ. WATER CONTENT (GM/M\*\*3) .020

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	29.530
7.0 - 9.0	10.057
9.0 - 12.0	1.900
12.0 - 16.0	.474
16.0 - 21.0	.035
21.0 - 28.0	.017
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 67  
DATE 20 JAN 1972  
TIME 17 2 20  
COUNTER NUMBER 8245

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.2  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 65.28  
LIQ. WATER CONTENT (GM/M\*\*3) .019

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	25.447
7.0 - 9.0	9.659
9.0 - 12.0	1.845
12.0 - 16.0	.426
16.0 - 21.0	.098
21.0 - 28.0	.010
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 68  
DATE 20 JAN 1972  
TIME 17 2 21  
COUNTER NUMBER 8246

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.2  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 69  
DATE 20 JAN 1972  
TIME 17 2 23  
COUNTER NUMBER 8248

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 223.5  
  
SAMPLED VOLUME (CM\*\*3) 90.0  
SAMPLE INTERVAL (M) 512.2  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.022
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 70  
DATE 20 JAN 1972  
TIME 17 2 26  
COUNTER NUMBER 8250

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.4  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 768.3  
NUMBER DENSITY (NO/CM\*\*3) .27  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.045
7.0 - 9.0	.051
9.0 - 12.0	.011
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.005
28.0 - 36.0	0.000
36.0 - 47.0	.003
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 71  
DATE 20 JAN 1972  
TIME 17 2 32  
COUNTER NUMBER 8255

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 223.1  
  
SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 1505.8  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.069
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 72  
DATE 20 JAN 1972  
TIME 17 2 35  
COUNTER NUMBER 8258

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.2  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 752.9  
NUMBER DENSITY (NO/CM\*\*3) 24.28  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.682
7.0 - 9.0	4.222
9.0 - 12.0	.614
12.0 - 16.0	.176
16.0 - 21.0	.041
21.0 - 28.0	.010
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 73  
DATE 20 JAN 1972  
TIME 17 2 36  
COUNTER NUMBER 8259

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.2

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 135.48  
LIQ. WATER CONTENT (GM/M\*\*3) .035

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	56.386
7.0 - 9.0	18.801
9.0 - 12.0	3.182
12.0 - 16.0	.736
16.0 - 21.0	.148
21.0 - 28.0	.010
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 74  
DATE 20 JAN 1972  
TIME 17 2 37  
COUNTER NUMBER 8260

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.2

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 97.52  
LIQ. WATER CONTENT (GM/M\*\*3) .026

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	40.432
7.0 - 9.0	13.312
9.0 - 12.0	2.508
12.0 - 16.0	.514
16.0 - 21.0	.114
21.0 - 28.0	.015
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 75  
DATE 20 JAN 1972  
TIME 17 2 38  
COUNTER NUMBER 8261

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.2

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 51.89  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	18.439
7.0 - 9.0	10.347
9.0 - 12.0	1.076
12.0 - 16.0	.026
16.0 - 21.0	.041
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 76  
DATE 20 JAN 1972  
TIME 17 2 40  
COUNTER NUMBER 8262

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.3

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 77  
DATE 20 JAN 1972  
TIME 17 2 45  
COUNTER NUMBER 8266

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 223.3

SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 1254.8  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 78  
DATE 20 JAN 1972  
TIME 17 2 46  
COUNTER NUMBER 8267

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.3

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 251.0  
NUMBER DENSITY (NO/CM\*\*3) 11.05  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.439
7.0 - 9.0	.744
9.0 - 12.0	.341
12.0 - 16.0	.060
16.0 - 21.0	.014
21.0 - 28.0	.010
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 79  
DATE 20 JAN 1972  
TIME 17 2 47  
COUNTER NUMBER 8268

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 251.0  
NUMBER DENSITY (NO/CM\*\*3) 9.25  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.732
7.0 - 9.0	1.310
9.0 - 12.0	.310
12.0 - 16.0	.026
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 80  
DATE 20 JAN 1972  
TIME 17 2 48  
COUNTER NUMBER 8269

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.3

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 251.0  
NUMBER DENSITY (NO/CM\*\*3) 55.56  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	23.977
7.0 - 9.0	7.153
9.0 - 12.0	1.326
12.0 - 16.0	.284
16.0 - 21.0	.034
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 81  
DATE 20 JAN 1972  
TIME 17 2 49  
COUNTER NUMBER 8270

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.5

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 81.91  
LIQ. WATER CONTENT (GM/M\*\*3) .022

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	33.712
7.0 - 9.0	11.716
9.0 - 12.0	1.989
12.0 - 16.0	.364
16.0 - 21.0	.077
21.0 - 28.0	.015
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 82  
DATE 20 JAN 1972  
TIME 17 2 51  
COUNTER NUMBER 8271

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.1

SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 27.76  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	11.727
7.0 - 9.0	3.764
9.0 - 12.0	.606
12.0 - 16.0	.178
16.0 - 21.0	.020
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 83  
DATE 20 JAN 1972  
TIME 17 2 52  
COUNTER NUMBER 8272

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.4

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 58.75  
LIQ. WATER CONTENT (GM/M\*\*3) .015

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	24.333
7.0 - 9.0	8.307
9.0 - 12.0	1.348
12.0 - 16.0	.355
16.0 - 21.0	.027
21.0 - 28.0	0.000
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 84  
DATE 20 JAN 1972  
TIME 17 2 53  
COUNTER NUMBER 8273

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.2

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 13.22  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.538
7.0 - 9.0	1.597
9.0 - 12.0	.352
12.0 - 16.0	.122
16.0 - 21.0	.027
21.0 - 28.0	.005
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 85  
DATE 20 JAN 1972  
TIME 17 2 54  
COUNTER NUMBER 8274

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.6  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 15.67  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.530
7.0 - 9.0	2.091
9.0 - 12.0	.341
12.0 - 16.0	.151
16.0 - 21.0	.014
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 86  
DATE 20 JAN 1972  
TIME 17 2 55  
COUNTER NUMBER 8275

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.4  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 53.80  
LIQ. WATER CONTENT (GM/M\*\*3) .016

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	21.447
7.0 - 9.0	7.563
9.0 - 12.0	1.667
12.0 - 16.0	.264
16.0 - 21.0	.048
21.0 - 28.0	.024
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 87  
DATE 20 JAN 1972  
TIME 17 2 57  
COUNTER NUMBER 8276

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.5  
  
SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 36.37  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	16.572
7.0 - 9.0	4.349
9.0 - 12.0	.727
12.0 - 16.0	.142
16.0 - 21.0	.014
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 88  
DATE 20 JAN 1972  
TIME 17 2 58  
COUNTER NUMBER 8277

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.6  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 39.97  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	18.015
7.0 - 9.0	4.722
9.0 - 12.0	.803
12.0 - 16.0	.230
16.0 - 21.0	.034
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 89  
DATE 20 JAN 1972  
TIME 17 2 59  
COUNTER NUMBER 8278

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.3  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 65.67  
LIQ. WATER CONTENT (GM/M\*\*3) .016

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	27.765
7.0 - 9.0	8.767
9.0 - 12.0	1.727
12.0 - 16.0	.293
16.0 - 21.0	.027
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 90  
DATE 20 JAN 1972  
TIME 17 3 0  
COUNTER NUMBER 8279

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 223.4  
  
SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 249.7  
NUMBER DENSITY (NO/CM\*\*3) 4.33  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.793
7.0 - 9.0	.805
9.0 - 12.0	0.000
12.0 - 16.0	.009
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 91  
DATE 20 JAN 1972  
TIME 17 3 3  
COUNTER NUMBER 8281

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 254.8  
AMBIENT TEMPERATURE (DEG K) 223.4  
  
SAMPLED VOLUME (CM\*\*3) 89.0  
SAMPLE INTERVAL (M) 752.9  
NUMBER DENSITY (NO/CM\*\*3) .13  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.022
7.0 - 9.0	.034
9.0 - 12.0	.011
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 92  
DATE 20 JAN 1972  
TIME 17 3 10  
COUNTER NUMBER 8287

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 223.3  
  
SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 1765.8  
NUMBER DENSITY (NO/CM\*\*3) .53  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.307
7.0 - 9.0	.034
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 93  
DATE 20 JAN 1972  
TIME 17 3 11  
COUNTER NUMBER 8288

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.7  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 251.0  
NUMBER DENSITY (NO/CM\*\*3) 4.27  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.053
7.0 - 9.0	.494
9.0 - 12.0	.045
12.0 - 16.0	.009
16.0 - 21.0	.007
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 94  
DATE 20 JAN 1972  
TIME 17 3 12  
COUNTER NUMBER 8289

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.4  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 16.07  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.121
7.0 - 9.0	1.989
9.0 - 12.0	.390
12.0 - 16.0	.034
16.0 - 21.0	.020
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 95  
DATE 20 JAN 1972  
TIME 17 3 14  
COUNTER NUMBER 8290

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.2  
  
SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 3.19  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.561
7.0 - 9.0	.344
9.0 - 12.0	.053
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 96  
DATE 20 JAN 1972  
TIME 17 3 15  
COUNTER NUMBER 8291

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 223.1  
  
SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 251.0  
NUMBER DENSITY (NO/CM\*\*3) 5.75  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.460
7.0 - 9.0	.695
9.0 - 12.0	.142
12.0 - 16.0	.034
16.0 - 21.0	.021
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

ORIGINAL PAGE IS  
OF POOR QUALITY

FLIGHT NUMBER 004 97  
DATE 20 JAN 1972  
TIME 17 3 16  
COUNTER NUMBER 8292

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.2  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 251.0  
NUMBER DENSITY (NO/CM\*\*3) 6.44  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.030
7.0 - 9.0	.813
9.0 - 12.0	.080
12.0 - 16.0	.009
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 98  
DATE 20 JAN 1972  
TIME 17 3 17  
COUNTER NUMBER 8293

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.2  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 1.48  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.659
7.0 - 9.0	.176
9.0 - 12.0	.045
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 99  
DATE 20 JAN 1972  
TIME 17 3 18  
COUNTER NUMBER 8294

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.4  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 22.07  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	10.508
7.0 - 9.0	2.517
9.0 - 12.0	.402
12.0 - 16.0	.017
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 100  
DATE 20 JAN 1972  
TIME 17 3 20  
COUNTER NUMBER 8295

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.4  
  
SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 10.46  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.814
7.0 - 9.0	1.345
9.0 - 12.0	.129
12.0 - 16.0	.030
16.0 - 21.0	.007
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 101  
DATE 20 JAN 1972  
TIME 17 3 21  
COUNTER NUMBER 8296

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.5  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 16.53  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.871
7.0 - 9.0	3.409
9.0 - 12.0	.212
12.0 - 16.0	.051
16.0 - 21.0	.014
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 102  
DATE 20 JAN 1972  
TIME 17 3 22  
COUNTER NUMBER 8297

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.5  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 4.99  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.530
7.0 - 9.0	.511
9.0 - 12.0	.034
12.0 - 16.0	.017
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 103  
DATE 20 JAN 1972  
TIME 17 3 23  
COUNTER NUMBER 8298

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.4  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 3.43  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.841
7.0 - 9.0	.284
9.0 - 12.0	.034
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 104  
DATE 20 JAN 1972  
TIME 17 3 25  
COUNTER NUMBER 8299

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.4  
  
SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 2.98  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.716
7.0 - 9.0	.168
9.0 - 12.0	.023
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 105  
DATE 20 JAN 1972  
TIME 17 3 26  
COUNTER NUMBER 8300

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.4  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 8.97  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.083
7.0 - 9.0	.602
9.0 - 12.0	.045
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 106  
DATE 20 JAN 1972  
TIME 17 3 27  
COUNTER NUMBER 8301

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.6  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 16.07  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.545
7.0 - 9.0	1.278
9.0 - 12.0	.163
12.0 - 16.0	.034
16.0 - 21.0	.014
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 107  
DATE 20 JAN 1972  
TIME 17 3 28  
COUNTER NUMBER 8302

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.5  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 8.05  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.303
7.0 - 9.0	.710
9.0 - 12.0	.034
12.0 - 16.0	.017
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 108  
DATE 20 JAN 1972  
TIME 17 3 29  
COUNTER NUMBER 8303

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.4  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 6.06  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.477
7.0 - 9.0	.352
9.0 - 12.0	.045
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 109  
DATE 20 JAN 1972  
TIME 17 3 30  
COUNTER NUMBER 8304

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 223.1

SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 249.7  
NUMBER DENSITY (NO/CM\*\*3) 3.66  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.107
7.0 - 9.0	.195
9.0 - 12.0	.034
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 110  
DATE 20 JAN 1972  
TIME 17 3 31  
COUNTER NUMBER 8305

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.1

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 249.7  
NUMBER DENSITY (NO/CM\*\*3) 4.42  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.318
7.0 - 9.0	.386
9.0 - 12.0	.034
12.0 - 16.0	.017
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 111  
DATE 20 JAN 1972  
TIME 17 3 33  
COUNTER NUMBER 8306

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.2

SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 4.27  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.235
7.0 - 9.0	.426
9.0 - 12.0	.017
12.0 - 16.0	.004
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 112  
DATE 20 JAN 1972  
TIME 17 3 35  
COUNTER NUMBER 8308

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 222.6

SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 499.4  
NUMBER DENSITY (NO/CM\*\*3) 18.52  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.456
7.0 - 9.0	1.937
9.0 - 12.0	.119
12.0 - 16.0	.017
16.0 - 21.0	.007
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 113  
DATE 20 JAN 1972  
TIME 17 3 36  
COUNTER NUMBER 8309

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.7

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 249.7  
NUMBER DENSITY (NO/CM\*\*3) 18.26  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.394
7.0 - 9.0	1.597
9.0 - 12.0	.258
12.0 - 16.0	.043
16.0 - 21.0	.007
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 114  
DATE 20 JAN 1972  
TIME 17 3 37  
COUNTER NUMBER 8310

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.0

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 21.97  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	11.364
7.0 - 9.0	2.023
9.0 - 12.0	.223
12.0 - 16.0	.051
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 115  
DATE 20 JAN 1972  
TIME 17 3 38  
COUNTER NUMBER 8311

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.0

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 25.08  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	12.947
7.0 - 9.0	2.250
9.0 - 12.0	.295
12.0 - 16.0	.034
16.0 - 21.0	.027
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 116  
DATE 20 JAN 1972  
TIME 17 3 40  
COUNTER NUMBER 8312

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.0

SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 18.60  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.443
7.0 - 9.0	1.037
9.0 - 12.0	.081
12.0 - 16.0	.026
16.0 - 21.0	.003
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 117  
DATE 20 JAN 1972  
TIME 17 3 41  
COUNTER NUMBER 8313

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.9

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 14.18  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.886
7.0 - 9.0	1.665
9.0 - 12.0	.117
12.0 - 16.0	.026
16.0 - 21.0	.014
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 118  
DATE 20 JAN 1972  
TIME 17 3 42  
COUNTER NUMBER 8314

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.6

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 18.24  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.348
7.0 - 9.0	1.756
9.0 - 12.0	.106
12.0 - 16.0	.088
16.0 - 21.0	.007
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 119  
DATE 20 JAN 1972  
TIME 17 3 44  
COUNTER NUMBER 8315

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.9

SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 11.15  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.655
7.0 - 9.0	1.099
9.0 - 12.0	.134
12.0 - 16.0	.017
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 120  
DATE 20 JAN 1972  
TIME 17 3 45  
COUNTER NUMBER 8316

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.8

SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 10.40  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.682
7.0 - 9.0	.727
9.0 - 12.0	.140
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000



FLIGHT NUMBER 004 121  
DATE 20 JAN 1972  
TIME 17 3 46  
COUNTER NUMBER 8317

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.8  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 14.51  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.500
7.0 - 9.0	1.489
9.0 - 12.0	.095
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 122  
DATE 20 JAN 1972  
TIME 17 3 47  
COUNTER NUMBER 8318

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.8  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 15.57  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.402
7.0 - 9.0	1.256
9.0 - 12.0	.117
12.0 - 16.0	.026
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 123  
DATE 20 JAN 1972  
TIME 17 3 48  
COUNTER NUMBER 8319

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.9  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 5.56  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.189
7.0 - 9.0	.318
9.0 - 12.0	.034
12.0 - 16.0	.009
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 124  
DATE 20 JAN 1972  
TIME 17 3 49  
COUNTER NUMBER 8320

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.0  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 12.30  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.220
7.0 - 9.0	1.222
9.0 - 12.0	.117
12.0 - 16.0	.034
16.0 - 21.0	.007
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 125  
DATE 20 JAN 1972  
TIME 17 3 50  
COUNTER NUMBER 8321

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 223.1  
  
SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 249.7  
NUMBER DENSITY (NO/CM\*\*3) 7.02  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.471
7.0 - 9.0	.822
9.0 - 12.0	.034
12.0 - 16.0	.017
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 126  
DATE 20 JAN 1972  
TIME 17 3 52  
COUNTER NUMBER 8322

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.1  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 499.4  
NUMBER DENSITY (NO/CM\*\*3) 4.72  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.674
7.0 - 9.0	.301
9.0 - 12.0	.011
12.0 - 16.0	.017
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 127  
DATE 20 JAN 1972  
TIME 17 3 53  
COUNTER NUMBER 8323

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.3  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 13.16  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.098
7.0 - 9.0	1.028
9.0 - 12.0	.140
12.0 - 16.0	.009
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 128  
DATE 20 JAN 1972  
TIME 17 3 54  
COUNTER NUMBER 8324

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.3  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 16.39  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.212
7.0 - 9.0	1.824
9.0 - 12.0	.106
12.0 - 16.0	.026
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 129  
DATE 20 JAN 1972  
TIME 17 3 56  
COUNTER NUMBER 8326

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 223.2  
  
SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 501.9  
NUMBER DENSITY (NO/CM\*\*3) 21.17  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	10.582
7.0 - 9.0	2.190
9.0 - 12.0	.261
12.0 - 16.0	.034
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 130  
DATE 20 JAN 1972  
TIME 17 3 58  
COUNTER NUMBER 8327

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.9  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 501.9  
NUMBER DENSITY (NO/CM\*\*3) 22.95  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	10.576
7.0 - 9.0	2.841
9.0 - 12.0	.295
12.0 - 16.0	.105
16.0 - 21.0	.020
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 131  
DATE 20 JAN 1972  
TIME 17 3 59  
COUNTER NUMBER 8328

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.8  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 19.90  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.417
7.0 - 9.0	2.182
9.0 - 12.0	.379
12.0 - 16.0	.034
16.0 - 21.0	.007
21.0 - 28.0	.015
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 132  
DATE 20 JAN 1972  
TIME 17 4 0  
COUNTER NUMBER 8329

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 223.0  
  
SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 249.7  
NUMBER DENSITY (NO/CM\*\*3) 11.44  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.479
7.0 - 9.0	1.184
9.0 - 12.0	.226
12.0 - 16.0	.026
16.0 - 21.0	.014
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 004 133  
DATE 20 JAN 1972  
TIME 17 4 1  
COUNTER NUMBER 8330

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.0  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 249.7  
NUMBER DENSITY (NO/CM\*\*3) 1.58  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.705
7.0 - 9.0	.159
9.0 - 12.0	.057
12.0 - 16.0	.009
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 134  
DATE 20 JAN 1972  
TIME 17 4 2  
COUNTER NUMBER 8331

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.3  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 3.89  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.485
7.0 - 9.0	.619
9.0 - 12.0	.095
12.0 - 16.0	.026
16.0 - 21.0	.007
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 135  
DATE 20 JAN 1972  
TIME 17 4 3  
COUNTER NUMBER 8332

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.1  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 17.31  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.333
7.0 - 9.0	1.824
9.0 - 12.0	.258
12.0 - 16.0	.088
16.0 - 21.0	.007
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 136  
DATE 20 JAN 1972  
TIME 17 4 4  
COUNTER NUMBER 8333

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.1  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 14.72  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.500
7.0 - 9.0	1.489
9.0 - 12.0	.152
12.0 - 16.0	.009
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 137  
DATE 20 JAN 1972  
TIME 17 4 5  
COUNTER NUMBER 8333

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.3  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 14.72  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.500
7.0 - 9.0	1.489
9.0 - 12.0	.152
12.0 - 16.0	.009
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 138  
DATE 20 JAN 1972  
TIME 17 4 7  
COUNTER NUMBER 8335

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 223.4  
  
SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 499.4  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 139  
DATE 20 JAN 1972  
TIME 17 4 12  
COUNTER NUMBER 8334

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 223.4  
  
SAMPLED VOLUME (CM\*\*3) 86.0  
SAMPLE INTERVAL (M) 1229.1  
NUMBER DENSITY (NO/CM\*\*3) 3.40  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.473
7.0 - 9.0	.488
9.0 - 12.0	.070
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 140  
DATE 20 JAN 1972  
TIME 17 4 14  
COUNTER NUMBER 8340

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.3  
  
SAMPLED VOLUME (CM\*\*3) 86.0  
SAMPLE INTERVAL (M) 496.8  
NUMBER DENSITY (NO/CM\*\*3) 6.82  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.705
7.0 - 9.0	.688
9.0 - 12.0	.106
12.0 - 16.0	.017
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 141  
DATE 20 JAN 1972  
TIME 17 4 15  
COUNTER NUMBER 8341

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 223.0  
  
SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 251.0  
NUMBER DENSITY (NO/CM\*\*3) 19.77  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.770
7.0 - 9.0	1.885
9.0 - 12.0	.345
12.0 - 16.0	.060
16.0 - 21.0	.014
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 142  
DATE 20 JAN 1972  
TIME 17 4 20  
COUNTER NUMBER 8345

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 223.3  
  
SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) 6.20  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.011
7.0 - 9.0	.575
9.0 - 12.0	.119
12.0 - 16.0	.034
16.0 - 21.0	.007
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 143  
DATE 20 JAN 1972  
TIME 17 4 25  
COUNTER NUMBER 8349

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 223.0  
  
SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) 16.24  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.590
7.0 - 9.0	1.362
9.0 - 12.0	.176
12.0 - 16.0	.026
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 144  
DATE 20 JAN 1972  
TIME 17 4 29  
COUNTER NUMBER 8353

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 223.2  
  
SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 993.6  
NUMBER DENSITY (NO/CM\*\*3) 17.62  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.410
7.0 - 9.0	1.253
9.0 - 12.0	.287
12.0 - 16.0	.034
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 145  
DATE 20 JAN 1972  
TIME 17 4 30  
COUNTER NUMBER 8354

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.1  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 249.7  
NUMBER DENSITY (NO/CM\*\*3) 12.92  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.462
7.0 - 9.0	1.278
9.0 - 12.0	.212
12.0 - 16.0	.009
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 146  
DATE 20 JAN 1972  
TIME 17 4 31  
COUNTER NUMBER 8355

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.3  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 6.94  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.500
7.0 - 9.0	.744
9.0 - 12.0	.057
12.0 - 16.0	.009
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 147  
DATE 20 JAN 1972  
TIME 17 4 33  
COUNTER NUMBER 8356

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.3  
  
SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 12.31  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.485
7.0 - 9.0	1.074
9.0 - 12.0	.106
12.0 - 16.0	.030
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 148  
DATE 20 JAN 1972  
TIME 17 4 34  
COUNTER NUMBER 8357

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.6  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 25.98  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	12.735
7.0 - 9.0	2.591
9.0 - 12.0	.379
12.0 - 16.0	.105
16.0 - 21.0	.020
21.0 - 28.0	0.000
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 149  
DATE 20 JAN 1972  
TIME 17 4 35  
COUNTER NUMBER 8358

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.5  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 24.25  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	11.477
7.0 - 9.0	2.625
9.0 - 12.0	.330
12.0 - 16.0	.131
16.0 - 21.0	.041
21.0 - 28.0	.005
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 150  
DATE 20 JAN 1972  
TIME 17 4 36  
COUNTER NUMBER 8359

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.6  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 12.36  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.030
7.0 - 9.0	1.188
9.0 - 12.0	.246
12.0 - 16.0	.026
16.0 - 21.0	.020
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 151  
DATE 20 JAN 1972  
TIME 17 4 38  
COUNTER NUMBER 8360

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.0  
  
SAMPLED VOLUME (CM\*\*3) 176.0  
SAMPLE INTERVAL (M) 504.5  
NUMBER DENSITY (NO/CM\*\*3) 7.13  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.326
7.0 - 9.0	.753
9.0 - 12.0	.142
12.0 - 16.0	.026
16.0 - 21.0	.010
21.0 - 28.0	.007
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 152  
DATE 20 JAN 1972  
TIME 17 4 39  
COUNTER NUMBER 8361

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.2  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) .07  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.045
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 153  
DATE 20 JAN 1972  
TIME 17 4 42  
COUNTER NUMBER 8364

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.2  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 756.8  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 154  
DATE 20 JAN 1972  
TIME 17 4 46  
COUNTER NUMBER 8367

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 223.3  
  
SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 1003.9  
NUMBER DENSITY (NO/CM\*\*3) 1.02  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.544
7.0 - 9.0	.103
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 155  
DATE 20 JAN 1972  
TIME 17 4 47  
COUNTER NUMBER 8368

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.4  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 251.0  
NUMBER DENSITY (NO/CM\*\*3) 1.63  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.780
7.0 - 9.0	.227
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 156  
DATE 20 JAN 1972  
TIME 17 4 48  
COUNTER NUMBER 8369

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.4  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 6.69  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.121
7.0 - 9.0	.761
9.0 - 12.0	.117
12.0 - 16.0	.034
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 004 157  
DATE 20 JAN 1972  
TIME 17 4 49  
COUNTER NUMBER 837J

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.8  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 17.06  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.402
7.0 - 9.0	1.665
9.0 - 12.0	.341
12.0 - 16.0	.026
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 158  
DATE 20 JAN 1972  
TIME 17 4 50  
COUNTER NUMBER 837I

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 222.5  
  
SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 249.7  
NUMBER DENSITY (NO/CM\*\*3) 22.09  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	11.272
7.0 - 9.0	2.132
9.0 - 12.0	.215
12.0 - 16.0	.052
16.0 - 21.0	.007
21.0 - 28.0	.005
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 159  
DATE 20 JAN 1972  
TIME 17 4 52  
COUNTER NUMBER 8372

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.5  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 499.4  
NUMBER DENSITY (NO/CM\*\*3) 13.09  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.576
7.0 - 9.0	1.278
9.0 - 12.0	.189
12.0 - 16.0	.026
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 160  
DATE 20 JAN 1972  
TIME 17 4 53  
COUNTER NUMBER 8373

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 222.8  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 9.11  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.735
7.0 - 9.0	.886
9.0 - 12.0	.080
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 161  
DATE 20 JAN 1972  
TIME 17 4 54  
COUNTER NUMBER 8374

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 223.1  
  
SAMPLED VOLUME (CM\*\*3) 88.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) .98  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.470
7.0 - 9.0	.119
9.0 - 12.0	.011
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 162  
DATE 20 JAN 1972  
TIME 17 4 55  
COUNTER NUMBER 8375

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 223.1  
  
SAMPLED VOLUME (CM\*\*3) 87.0  
SAMPLE INTERVAL (M) 251.0  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 163  
DATE 20 JAN 1972  
TIME 19 20 40  
COUNTER NUMBER 8440

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 234.2  
AMBIENT TEMPERATURE (DEG K) 213.9  
  
SAMPLED VOLUME (CM\*\*3) 415.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .72  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.074
7.0 - 9.0	.025
9.0 - 12.0	.043
12.0 - 16.0	.052
16.0 - 21.0	.019
21.0 - 28.0	.014
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 164  
DATE 20 JAN 1972  
TIME 19 20 45  
COUNTER NUMBER 8441

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 213.7  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1184.0  
NUMBER DENSITY (NO/CM\*\*3) 1.44  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.079
7.0 - 9.0	.189
9.0 - 12.0	.124
12.0 - 16.0	.076
16.0 - 21.0	.034
21.0 - 28.0	.011
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 165  
DATE 20 JAN 1972  
TIME 19 20 50  
COUNTER NUMBER 8442

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 213.5  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1203.3  
NUMBER DENSITY (NO/CM\*\*3) .07  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.007
9.0 - 12.0	.005
12.0 - 16.0	0.000
16.0 - 21.0	.001
21.0 - 28.0	.003
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 166  
DATE 20 JAN 1972  
TIME 19 20 55  
COUNTER NUMBER 8443

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 211.7  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1203.3  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.033
7.0 - 9.0	.014
9.0 - 12.0	.007
12.0 - 16.0	.009
16.0 - 21.0	.010
21.0 - 28.0	.006
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 167  
DATE 20 JAN 1972  
TIME 19 21 0  
COUNTER NUMBER 8444

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 209.3  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1190.5  
NUMBER DENSITY (NO/CM\*\*3) .90  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.084
7.0 - 9.0	.152
9.0 - 12.0	.056
12.0 - 16.0	.024
16.0 - 21.0	.024
21.0 - 28.0	.012
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 168  
DATE 20 JAN 1972  
TIME 19 21 5  
COUNTER NUMBER 8445

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 210.0  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1184.0  
NUMBER DENSITY (NO/CM\*\*3) .86  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.103
7.0 - 9.0	.070
9.0 - 12.0	.064
12.0 - 16.0	.046
16.0 - 21.0	.020
21.0 - 28.0	.011
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 169  
DATE 20 JAN 1972  
TIME 19 21 11  
COUNTER NUMBER 8446

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 209.2  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1420.8  
NUMBER DENSITY (NO/CM\*\*3) .11  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.011
9.0 - 12.0	.007
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.005
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 170  
DATE 20 JAN 1972  
TIME 19 21 16  
COUNTER NUMBER 8447

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 208.7  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1190.5  
NUMBER DENSITY (NO/CM\*\*3) 1.00  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.119
7.0 - 9.0	.104
9.0 - 12.0	.047
12.0 - 16.0	.057
16.0 - 21.0	.031
21.0 - 28.0	.012
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 171  
DATE 20 JAN 1972  
TIME 19 21 21  
COUNTER NUMBER 8448

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 208.2  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .43  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.033
7.0 - 9.0	.018
9.0 - 12.0	.025
12.0 - 16.0	.012
16.0 - 21.0	.015
21.0 - 28.0	.015
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 172  
DATE 20 JAN 1972  
TIME 19 21 27  
COUNTER NUMBER 8449

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 208.3  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1444.0  
NUMBER DENSITY (NO/CM\*\*3) .42  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.049
7.0 - 9.0	.025
9.0 - 12.0	.016
12.0 - 16.0	.016
16.0 - 21.0	.022
21.0 - 28.0	.004
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 173  
DATE 20 JAN 1972  
TIME 19 21 32  
COUNTER NUMBER 8450

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 208.2  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1216.2  
NUMBER DENSITY (NO/CM\*\*3) .92  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.121
7.0 - 9.0	.083
9.0 - 12.0	.072
12.0 - 16.0	.044
16.0 - 21.0	.017
21.0 - 28.0	.009
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 174  
DATE 20 JAN 1972  
TIME 19 21 37  
COUNTER NUMBER 8451

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 208.0  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1216.2  
NUMBER DENSITY (NO/CM\*\*3) 1.04  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.107
7.0 - 9.0	.099
9.0 - 12.0	.066
12.0 - 16.0	.049
16.0 - 21.0	.040
21.0 - 28.0	.010
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 175  
DATE 20 JAN 1972  
TIME 19 21 42  
COUNTER NUMBER 8452

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 207.8  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) 1.19  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.078
7.0 - 9.0	.118
9.0 - 12.0	.085
12.0 - 16.0	.059
16.0 - 21.0	.038
21.0 - 28.0	.017
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 176  
DATE 20 JAN 1972  
TIME 19 21 47  
COUNTER NUMBER 8453

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 208.0  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) 2.25  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.284
7.0 - 9.0	.231
9.0 - 12.0	.085
12.0 - 16.0	.088
16.0 - 21.0	.067
21.0 - 28.0	.048
28.0 - 36.0	.009
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 177  
DATE 20 JAN 1972  
TIME 19 21 52  
COUNTER NUMBER 8454

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 208.2  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) 1.93  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.185
7.0 - 9.0	.135
9.0 - 12.0	.095
12.0 - 16.0	.079
16.0 - 21.0	.079
21.0 - 28.0	.035
28.0 - 36.0	.015
36.0 - 47.0	.001
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 178  
DATE 20 JAN 1972  
TIME 19 21 57  
COUNTER NUMBER 8455

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 208.1  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) 1.08  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.058
7.0 - 9.0	.092
9.0 - 12.0	.034
12.0 - 16.0	.048
16.0 - 21.0	.033
21.0 - 28.0	.039
28.0 - 36.0	.004
36.0 - 47.0	.004
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 179  
DATE 20 JAN 1972  
TIME 19 22 2  
COUNTER NUMBER 8456

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 208.1  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) .70  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.039
7.0 - 9.0	.062
9.0 - 12.0	.012
12.0 - 16.0	.024
16.0 - 21.0	.029
21.0 - 28.0	.021
28.0 - 36.0	.007
36.0 - 47.0	.002
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 180  
DATE 20 JAN 1972  
TIME 19 22 7  
COUNTER NUMBER 8457

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 208.4  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) .69  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.049
7.0 - 9.0	.059
9.0 - 12.0	.016
12.0 - 16.0	.031
16.0 - 21.0	.031
21.0 - 28.0	.010
28.0 - 36.0	.006
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 181  
DATE 20 JAN 1972  
TIME 19 22 12  
COUNTER NUMBER 8458

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 208.6  
  
SAMPLED VOLUME (CM\*\*3) 510.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) .69  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.052
7.0 - 9.0	.045
9.0 - 12.0	.046
12.0 - 16.0	.014
16.0 - 21.0	.013
21.0 - 28.0	.020
28.0 - 36.0	.011
36.0 - 47.0	.002
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 182  
DATE 20 JAN 1972  
TIME 19 22 18  
COUNTER NUMBER 8459

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 208.6  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1459.5  
NUMBER DENSITY (NO/CM\*\*3) .92  
LIQ. WATER CONTENT (GM/M\*\*3) .015

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.067
7.0 - 9.0	.072
9.0 - 12.0	.009
12.0 - 16.0	.054
16.0 - 21.0	.019
21.0 - 28.0	.024
28.0 - 36.0	.011
36.0 - 47.0	.003
47.0 - 62.0	.001
62.0 - 82.0	.001
82.0 - 108.0	.001

FLIGHT NUMBER 004 183  
DATE 20 JAN 1972  
TIME 19 22 23  
COUNTER NUMBER 8460

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 208.5  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .83  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.116
7.0 - 9.0	.050
9.0 - 12.0	.005
12.0 - 16.0	.027
16.0 - 21.0	.025
21.0 - 28.0	.030
28.0 - 36.0	.007
36.0 - 47.0	.002
47.0 - 62.0	.000
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 004 184  
DATE 20 JAN 1972  
TIME 19 22 29  
COUNTER NUMBER 8461

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 208.7  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1467.2  
NUMBER DENSITY (NO/CM\*\*3) .89  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.046
7.0 - 9.0	.043
9.0 - 12.0	.063
12.0 - 16.0	.036
16.0 - 21.0	.026
21.0 - 28.0	.027
28.0 - 36.0	.002
36.0 - 47.0	.002
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	.001

FLIGHT NUMBER 004 185  
DATE 20 JAN 1972  
TIME 19 22 34  
COUNTER NUMBER 8462

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 208.7  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) 1.03  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.039
7.0 - 9.0	.087
9.0 - 12.0	.048
12.0 - 16.0	.022
16.0 - 21.0	.032
21.0 - 28.0	.033
28.0 - 36.0	.013
36.0 - 47.0	.006
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 186  
DATE 20 JAN 1972  
TIME 19 22 38  
COUNTER NUMBER 8463

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 208.7  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 978.1  
NUMBER DENSITY (NO/CM\*\*3) 1.28  
LIQ. WATER CONTENT (GM/M\*\*3) .013

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.048
7.0 - 9.0	.116
9.0 - 12.0	.039
12.0 - 16.0	.051
16.0 - 21.0	.036
21.0 - 28.0	.043
28.0 - 36.0	.003
36.0 - 47.0	.007
47.0 - 62.0	.005
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 187  
DATE 20 JAN 1972  
TIME 19 22 44  
COUNTER NUMBER 8464

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 208.7  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1467.2  
NUMBER DENSITY (NO/CM\*\*3) .94  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.071
7.0 - 9.0	.050
9.0 - 12.0	.050
12.0 - 16.0	.025
16.0 - 21.0	.027
21.0 - 28.0	.027
28.0 - 36.0	.010
36.0 - 47.0	.003
47.0 - 62.0	.002
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 004 188  
DATE 20 JAN 1972  
TIME 19 22 49  
COUNTER NUMBER 8465

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 208.7  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) 1.09  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	.098
9.0 - 12.0	.014
12.0 - 16.0	.034
16.0 - 21.0	.062
21.0 - 28.0	.027
28.0 - 36.0	.011
36.0 - 47.0	.004
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	.000

FLIGHT NUMBER 004 189  
DATE 20 JAN 1972  
TIME 19 22 54  
COUNTER NUMBER 8466

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 208.8  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) 1.26  
LIQ. WATER CONTENT (GM/M\*\*3) .013

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.071
7.0 - 9.0	.101
9.0 - 12.0	.002
12.0 - 16.0	.049
16.0 - 21.0	.061
21.0 - 28.0	.037
28.0 - 36.0	.012
36.0 - 47.0	.005
47.0 - 62.0	.001
62.0 - 82.0	.000
82.0 - 108.0	.000

FLIGHT NUMBER 004 190  
DATE 20 JAN 1972  
TIME 19 22 59  
COUNTER NUMBER 8467

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 208.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) 1.06  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.019
7.0 - 9.0	.050
9.0 - 12.0	.033
12.0 - 16.0	.054
16.0 - 21.0	.055
21.0 - 28.0	.029
28.0 - 36.0	.008
36.0 - 47.0	.004
47.0 - 62.0	.001
62.0 - 82.0	.001
82.0 - 108.0	.000

FLIGHT NUMBER 004 191  
DATE 20 JAN 1972  
TIME 19 23 4  
COUNTER NUMBER 8468

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 208.9  
  
SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1229.1  
NUMBER DENSITY (NO/CM\*\*3) .92  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.072
7.0 - 9.0	.035
9.0 - 12.0	.022
12.0 - 16.0	.030
16.0 - 21.0	.042
21.0 - 28.0	.025
28.0 - 36.0	.011
36.0 - 47.0	.003
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	.000

FLIGHT NUMBER 004 192  
DATE 20 JAN 1972  
TIME 19 23 10  
COUNTER NUMBER 8469

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 208.8  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1482.6  
NUMBER DENSITY (NO/CM\*\*3) 1.34  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.129
7.0 - 9.0	.086
9.0 - 12.0	.041
12.0 - 16.0	.048
16.0 - 21.0	.043
21.0 - 28.0	.038
28.0 - 36.0	.012
36.0 - 47.0	.005
47.0 - 62.0	.001
62.0 - 82.0	.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 004 193  
DATE 20 JAN 1972  
TIME 19 23 15  
COUNTER NUMBER 8470.

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 210.8

SAMPLED VOLUME (CM\*\*3) 261.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) 1.79  
LIQ. WATER CONTENT (GM/M\*\*3) .024

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.135
7.0 - 9.0	.088
9.0 - 12.0	.023
12.0 - 16.0	.113
16.0 - 21.0	.062
21.0 - 28.0	.043
28.0 - 36.0	.016
36.0 - 47.0	.005
47.0 - 62.0	.003
62.0 - 82.0	.002
82.0 - 108.0	.000

FLIGHT NUMBER 004 194  
DATE 20 JAN 1972  
TIME 19 23 18  
COUNTER NUMBER 8471

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 212.4

SAMPLED VOLUME (CM\*\*3) 174.0  
SAMPLE INTERVAL (M) 741.3  
NUMBER DENSITY (NO/CM\*\*3) 1.32  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.034
7.0 - 9.0	.106
9.0 - 12.0	.077
12.0 - 16.0	.049
16.0 - 21.0	.024
21.0 - 28.0	.038
28.0 - 36.0	.022
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 004 195  
DATE 20 JAN 1972  
TIME 19 23 20  
COUNTER NUMBER 8472

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 213.4

SAMPLED VOLUME (CM\*\*3) 258.0  
SAMPLE INTERVAL (M) 491.6  
NUMBER DENSITY (NO/CM\*\*3) .85  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.080
7.0 - 9.0	.083
9.0 - 12.0	.012
12.0 - 16.0	.051
16.0 - 21.0	.029
21.0 - 28.0	.016
28.0 - 36.0	.004
36.0 - 47.0	.002
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 196  
DATE 20 JAN 1972  
TIME 19 23 23  
COUNTER NUMBER 8473

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 214.0

SAMPLED VOLUME (CM\*\*3) 172.0  
SAMPLE INTERVAL (M) 733.6  
NUMBER DENSITY (NO/CM\*\*3) 1.01  
LIQ. WATER CONTENT (GM/M\*\*3) .015

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.097
7.0 - 9.0	.044
9.0 - 12.0	.012
12.0 - 16.0	.063
16.0 - 21.0	.043
21.0 - 28.0	.012
28.0 - 36.0	.009
36.0 - 47.0	.008
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	.001

FLIGHT NUMBER 004 197  
DATE 20 JAN 1972  
TIME 19 23 25  
COUNTER NUMBER 8474

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 214.1

SAMPLED VOLUME (CM\*\*3) 172.0  
SAMPLE INTERVAL (M) 489.1  
NUMBER DENSITY (NO/CM\*\*3) 1.05  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.081
7.0 - 9.0	.052
9.0 - 12.0	.029
12.0 - 16.0	.036
16.0 - 21.0	.040
21.0 - 28.0	.026
28.0 - 36.0	.020
36.0 - 47.0	.003
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	.001

FLIGHT NUMBER 004 198  
DATE 20 JAN 1972  
TIME 19 23 27  
COUNTER NUMBER 8475

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 214.3

SAMPLED VOLUME (CM\*\*3) 258.0  
SAMPLE INTERVAL (M) 489.1  
NUMBER DENSITY (NO/CM\*\*3) .66  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.047
7.0 - 9.0	.041
9.0 - 12.0	.012
12.0 - 16.0	.030
16.0 - 21.0	.033
21.0 - 28.0	.012
28.0 - 36.0	.006
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 004 199  
DATE 20 JAN 1972  
TIME 19 23 30  
COUNTER NUMBER 8477

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 214.6

SAMPLED VOLUME (CM\*\*3) 172.0  
SAMPLE INTERVAL (M) 733.6  
NUMBER DENSITY (NO/CM\*\*3) 1.12  
LIQ. WATER CONTENT (GM/M\*\*3) .020

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.120
7.0 - 9.0	.026
9.0 - 12.0	.066
12.0 - 16.0	.036
16.0 - 21.0	.036
21.0 - 28.0	.015
28.0 - 36.0	.015
36.0 - 47.0	.006
47.0 - 62.0	.002
62.0 - 82.0	.001
82.0 - 108.0	.001

FLIGHT NUMBER 004 200  
DATE 20 JAN 1972  
TIME 19 23 35  
COUNTER NUMBER 8479

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 214.6

SAMPLED VOLUME (CM\*\*3) 172.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) 1.11  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.070
7.0 - 9.0	.081
9.0 - 12.0	.041
12.0 - 16.0	.036
16.0 - 21.0	.036
21.0 - 28.0	.026
28.0 - 36.0	.018
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 004 201  
DATE 20 JAN 1972  
TIME 19 23 37  
COUNTER NUMBER 8480

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 214.7

SAMPLED VOLUME (CM\*\*3) 172.0  
SAMPLE INTERVAL (M) 489.1  
NUMBER DENSITY (NO/CM\*\*3) 1.20  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.047
7.0 - 9.0	.108
9.0 - 12.0	.035
12.0 - 16.0	.054
16.0 - 21.0	.029
21.0 - 28.0	.033
28.0 - 36.0	.020
36.0 - 47.0	.003
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 202  
DATE 20 JAN 1972  
TIME 19 23 39  
COUNTER NUMBER 8481

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 214.7

SAMPLED VOLUME (CM\*\*3) 255.0  
SAMPLE INTERVAL (M) 486.5  
NUMBER DENSITY (NO/CM\*\*3) .55  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.016
7.0 - 9.0	.035
9.0 - 12.0	0.000
12.0 - 16.0	.039
16.0 - 21.0	.016
21.0 - 28.0	.017
28.0 - 36.0	.009
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 004 203  
DATE 20 JAN 1972  
TIME 19 23 42  
COUNTER NUMBER 8482

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 214.7

SAMPLED VOLUME (CM\*\*3) 170.0  
SAMPLE INTERVAL (M) 725.9  
NUMBER DENSITY (NO/CM\*\*3) 1.06  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.098
7.0 - 9.0	0.000
9.0 - 12.0	.041
12.0 - 16.0	.050
16.0 - 21.0	.033
21.0 - 28.0	.015
28.0 - 36.0	.025
36.0 - 47.0	.010
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 204  
DATE 20 JAN 1972  
TIME 19 23 44  
COUNTER NUMBER 8483

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 214.6

SAMPLED VOLUME (CM\*\*3) 170.0  
SAMPLE INTERVAL (M) 483.9  
NUMBER DENSITY (NO/CM\*\*3) 1.26  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.122
7.0 - 9.0	.026
9.0 - 12.0	.035
12.0 - 16.0	.063
16.0 - 21.0	.036
21.0 - 28.0	.047
28.0 - 36.0	.009
36.0 - 47.0	.003
47.0 - 62.0	.002
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 004 205  
DATE 20 JAN 1972  
TIME 19 23 50  
COUNTER NUMBER 8486

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 214.4  
  
SAMPLED VOLUME (CM\*\*3) 168.0  
SAMPLE INTERVAL (M) 1444.0  
NUMBER DENSITY (NO/CM\*\*3) 1.18  
LIQ. WATER CONTENT (GM/M\*\*3) .017

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.083
7.0 - 9.0	.054
9.0 - 12.0	.018
12.0 - 16.0	.083
16.0 - 21.0	.044
21.0 - 28.0	.015
28.0 - 36.0	.016
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 004 206  
DATE 20 JAN 1972  
TIME 19 23 52  
COUNTER NUMBER 8487

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 214.3  
  
SAMPLED VOLUME (CM\*\*3) 168.0  
SAMPLE INTERVAL (M) 478.8  
NUMBER DENSITY (NO/CM\*\*3) 1.03  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.123
7.0 - 9.0	.027
9.0 - 12.0	.062
12.0 - 16.0	.042
16.0 - 21.0	0.000
21.0 - 28.0	.021
28.0 - 36.0	.030
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 004 207  
DATE 20 JAN 1972  
TIME 19 23 54  
COUNTER NUMBER 8488

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 214.4  
  
SAMPLED VOLUME (CM\*\*3) 168.0  
SAMPLE INTERVAL (M) 476.2  
NUMBER DENSITY (NO/CM\*\*3) 1.38  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.147
7.0 - 9.0	0.000
9.0 - 12.0	.030
12.0 - 16.0	.092
16.0 - 21.0	.033
21.0 - 28.0	.043
28.0 - 36.0	.013
36.0 - 47.0	.011
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 208  
DATE 20 JAN 1972  
TIME 19 24 1  
COUNTER NUMBER 8491

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 234.2  
AMBIENT TEMPERATURE (DEG K) 214.5  
  
SAMPLED VOLUME (CM\*\*3) 166.0  
SAMPLE INTERVAL (M) 1648.6  
NUMBER DENSITY (NO/CM\*\*3) .95  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.100
7.0 - 9.0	.045
9.0 - 12.0	.036
12.0 - 16.0	.027
16.0 - 21.0	.022
21.0 - 28.0	.029
28.0 - 36.0	.011
36.0 - 47.0	.003
47.0 - 62.0	.002
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 004 209  
DATE 20 JAN 1972  
TIME 19 24 5  
COUNTER NUMBER 8493

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 234.2  
AMBIENT TEMPERATURE (DEG K) 214.3  
  
SAMPLED VOLUME (CM\*\*3) 166.0  
SAMPLE INTERVAL (M) 936.9  
NUMBER DENSITY (NO/CM\*\*3) 1.31  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.072
7.0 - 9.0	.075
9.0 - 12.0	.030
12.0 - 16.0	.047
16.0 - 21.0	.055
21.0 - 28.0	.029
28.0 - 36.0	.026
36.0 - 47.0	.003
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 210  
DATE 20 JAN 1972  
TIME 19 24 10  
COUNTER NUMBER 8495

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 231.7  
AMBIENT TEMPERATURE (DEG K) 214.2  
  
SAMPLED VOLUME (CM\*\*3) 164.0  
SAMPLE INTERVAL (M) 1164.7  
NUMBER DENSITY (NO/CM\*\*3) 1.23  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.102
7.0 - 9.0	.085
9.0 - 12.0	.037
12.0 - 16.0	.066
16.0 - 21.0	.018
21.0 - 28.0	.032
28.0 - 36.0	.016
36.0 - 47.0	.005
47.0 - 62.0	.002
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 211  
DATE 20 JAN 1972  
TIME 19 24 15  
COUNTER NUMBER 8497

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 231.7  
AMBIENT TEMPERATURE (DEG K) 214.3  
  
SAMPLED VOLUME (CM\*\*3) 164.0  
SAMPLE INTERVAL (M) 1158.3  
NUMBER DENSITY (NO/CM\*\*3) .82  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.012
7.0 - 9.0	.064
9.0 - 12.0	.024
12.0 - 16.0	.038
16.0 - 21.0	.016
21.0 - 28.0	.027
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	.006
62.0 - 82.0	.001
82.0 - 108.0	0.000
GREATER THAN 108	0.000 *UM

FLIGHT NUMBER 004 212  
DATE 20 JAN 1972  
TIME 19 24 19  
COUNTER NUMBER 8499

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 231.7  
AMBIENT TEMPERATURE (DEG K) 214.5  
  
SAMPLED VOLUME (CM\*\*3) 164.0  
SAMPLE INTERVAL (M) 926.6  
NUMBER DENSITY (NO/CM\*\*3) .84  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.049
7.0 - 9.0	.085
9.0 - 12.0	.018
12.0 - 16.0	.056
16.0 - 21.0	.022
21.0 - 28.0	.010
28.0 - 36.0	.011
36.0 - 47.0	0.000
47.0 - 62.0	.002
62.0 - 82.0	0.000
82.0 - 108.0	0.000
GREATER THAN 108	0.000 *UM

FLIGHT NUMBER 004 213  
DATE 20 JAN 1972  
TIME 19 24 23  
COUNTER NUMBER 8501

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 231.7  
AMBIENT TEMPERATURE (DEG K) 213.2  
  
SAMPLED VOLUME (CM\*\*3) 164.0  
SAMPLE INTERVAL (M) 926.6  
NUMBER DENSITY (NO/CM\*\*3) .81  
LIQ. WATER CONTENT (GM/M\*\*3) .009

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.049
7.0 - 9.0	.055
9.0 - 12.0	.024
12.0 - 16.0	.027
16.0 - 21.0	.034
21.0 - 28.0	.016
28.0 - 36.0	.005
36.0 - 47.0	.008
47.0 - 62.0	0.000
62.0 - 82.0	.001
82.0 - 108.0	0.000
GREATER THAN 108	.018 *UM

FLIGHT NUMBER 004 214  
DATE 20 JAN 1972  
TIME 19 24 30  
COUNTER NUMBER 8504

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 226.5  
AMBIENT TEMPERATURE (DEG K) 208.6  
  
SAMPLED VOLUME (CM\*\*3) 162.0  
SAMPLE INTERVAL (M) 1603.6  
NUMBER DENSITY (NO/CM\*\*3) .57  
LIQ. WATER CONTENT (GM/M\*\*3) .009

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.025
7.0 - 9.0	0.000
9.0 - 12.0	.012
12.0 - 16.0	.032
16.0 - 21.0	.019
21.0 - 28.0	.016
28.0 - 36.0	.012
36.0 - 47.0	.003
47.0 - 62.0	.001
62.0 - 82.0	.001
82.0 - 108.0	0.000
GREATER THAN 108	0.000 *UM

FLIGHT NUMBER 004 215  
DATE 20 JAN 1972  
TIME 19 24 35  
COUNTER NUMBER 8506

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 226.5  
AMBIENT TEMPERATURE (DEG K) 208.2  
  
SAMPLED VOLUME (CM\*\*3) 162.0  
SAMPLE INTERVAL (M) 1132.6  
NUMBER DENSITY (NO/CM\*\*3) .80  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.062
7.0 - 9.0	.056
9.0 - 12.0	.025
12.0 - 16.0	.009
16.0 - 21.0	.015
21.0 - 28.0	.041
28.0 - 36.0	.007
36.0 - 47.0	.003
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000
GREATER THAN 108	.019 *UM

FLIGHT NUMBER 004 216  
DATE 20 JAN 1972  
TIME 19 24 41  
COUNTER NUMBER 8509

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 229.1  
AMBIENT TEMPERATURE (DEG K) 208.5  
  
SAMPLED VOLUME (CM\*\*3) 162.0  
SAMPLE INTERVAL (M) 1366.8  
NUMBER DENSITY (NO/CM\*\*3) .53  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.025
7.0 - 9.0	.028
9.0 - 12.0	0.000
12.0 - 16.0	.039
16.0 - 21.0	.031
21.0 - 28.0	0.000
28.0 - 36.0	.005
36.0 - 47.0	.007
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000
GREATER THAN 108	0.000 *UM



FLIGHT NUMBER 004 217  
 DATE 20 JAN 1972  
 TIME 19 24 45  
 COUNTER NUMBER 8511

AIRCRAFT ALTITUDE (KM) 13.1  
 AIRCRAFT VELOCITY (M/S) 229.1  
 AMBIENT TEMPERATURE (DEG K) 208.5

SAMPLED VOLUME (CM\*\*3) 162.0  
 SAMPLE INTERVAL (M) 916.3  
 NUMBER DENSITY (NO/CM\*\*3) .65  
 LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.074
7.0 - 9.0	.028
9.0 - 12.0	.006
12.0 - 16.0	.048
16.0 - 21.0	.015
21.0 - 28.0	.016
28.0 - 36.0	.005
36.0 - 47.0	.003
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 218  
 DATE 20 JAN 1972  
 TIME 19 24 49  
 COUNTER NUMBER 8513

AIRCRAFT ALTITUDE (KM) 13.1  
 AIRCRAFT VELOCITY (M/S) 226.5  
 AMBIENT TEMPERATURE (DEG K) 208.6

SAMPLED VOLUME (CM\*\*3) 162.0  
 SAMPLE INTERVAL (M) 911.2  
 NUMBER DENSITY (NO/CM\*\*3) .69  
 LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.074
7.0 - 9.0	.046
9.0 - 12.0	.019
12.0 - 16.0	.028
16.0 - 21.0	.019
21.0 - 28.0	.022
28.0 - 36.0	.007
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 219  
 DATE 20 JAN 1972  
 TIME 19 24 54  
 COUNTER NUMBER 8515

AIRCRAFT ALTITUDE (KM) 13.1  
 AIRCRAFT VELOCITY (M/S) 226.5  
 AMBIENT TEMPERATURE (DEG K) 208.7

SAMPLED VOLUME (CM\*\*3) 162.0  
 SAMPLE INTERVAL (M) 1132.6  
 NUMBER DENSITY (NO/CM\*\*3) .50  
 LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.065
9.0 - 12.0	.019
12.0 - 16.0	.023
16.0 - 21.0	.015
21.0 - 28.0	.008
28.0 - 36.0	.009
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 220  
 DATE 20 JAN 1972  
 TIME 19 24 58  
 COUNTER NUMBER 8517

AIRCRAFT ALTITUDE (KM) 13.1  
 AIRCRAFT VELOCITY (M/S) 226.5  
 AMBIENT TEMPERATURE (DEG K) 208.8

SAMPLED VOLUME (CM\*\*3) 162.0  
 SAMPLE INTERVAL (M) 906.0  
 NUMBER DENSITY (NO/CM\*\*3) .81  
 LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.074
7.0 - 9.0	.077
9.0 - 12.0	.019
12.0 - 16.0	.019
16.0 - 21.0	.019
21.0 - 28.0	.022
28.0 - 36.0	.005
36.0 - 47.0	.007
47.0 - 62.0	.002
62.0 - 82.0	.001
82.0 - 106.0	0.000

FLIGHT NUMBER 004 221  
 DATE 20 JAN 1972  
 TIME 19 25 0  
 COUNTER NUMBER 8518

AIRCRAFT ALTITUDE (KM) 13.1  
 AIRCRAFT VELOCITY (M/S) 226.5  
 AMBIENT TEMPERATURE (DEG K) 209.2

SAMPLED VOLUME (CM\*\*3) 162.0  
 SAMPLE INTERVAL (M) 453.0  
 NUMBER DENSITY (NO/CM\*\*3) .48  
 LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.025
7.0 - 9.0	.065
9.0 - 12.0	.019
12.0 - 16.0	.009
16.0 - 21.0	.004
21.0 - 28.0	.013
28.0 - 36.0	.007
36.0 - 47.0	.002
47.0 - 62.0	.002
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 222  
 DATE 20 JAN 1972  
 TIME 19 25 5  
 COUNTER NUMBER 8520

AIRCRAFT ALTITUDE (KM) 13.1  
 AIRCRAFT VELOCITY (M/S) 226.5  
 AMBIENT TEMPERATURE (DEG K) 211.5

SAMPLED VOLUME (CM\*\*3) 162.0  
 SAMPLE INTERVAL (M) 1132.6  
 NUMBER DENSITY (NO/CM\*\*3) .33  
 LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.037
9.0 - 12.0	.019
12.0 - 16.0	.023
16.0 - 21.0	.011
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 223  
 DATE 20 JAN 1972  
 TIME 19 31 0  
 COUNTER NUMBER 8624

AIRCRAFT ALTITUDE (KM) 13.7  
 AIRCRAFT VELOCITY (M/S) 218.8  
 AMBIENT TEMPERATURE (DEG K) 213.6

SAMPLED VOLUME (CM\*\*3) 390.0  
 SAMPLE INTERVAL (M) 0.0  
 NUMBER DENSITY (NO/CM\*\*3) .58  
 LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.106
7.0 - 9.0	.072
9.0 - 12.0	.026
12.0 - 16.0	.016
16.0 - 21.0	.013
21.0 - 28.0	.007
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 106.0	0.000
GREATER THAN 106	0.000 *UM

FLIGHT NUMBER 004 224  
 DATE 20 JAN 1972  
 TIME 19 31 5  
 COUNTER NUMBER 8625

AIRCRAFT ALTITUDE (KM) 13.7  
 AIRCRAFT VELOCITY (M/S) 218.8  
 AMBIENT TEMPERATURE (DEG K) 213.7

SAMPLED VOLUME (CM\*\*3) 390.0  
 SAMPLE INTERVAL (M) 1093.9  
 NUMBER DENSITY (NO/CM\*\*3) .79  
 LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.128
7.0 - 9.0	.100
9.0 - 12.0	.010
12.0 - 16.0	.044
16.0 - 21.0	.013
21.0 - 28.0	.009
28.0 - 36.0	.006
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000
GREATER THAN 108	.008 *UM

FLIGHT NUMBER 004 225  
 DATE 20 JAN 1972  
 TIME 19 31 10  
 COUNTER NUMBER 8626

AIRCRAFT ALTITUDE (KM) 13.7  
 AIRCRAFT VELOCITY (M/S) 218.8  
 AMBIENT TEMPERATURE (DEG K) 213.8

SAMPLED VOLUME (CM\*\*3) 390.0  
 SAMPLE INTERVAL (M) 1093.9  
 NUMBER DENSITY (NO/CM\*\*3) .99  
 LIQ. WATER CONTENT (GM/M\*\*3) .009

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.133
7.0 - 9.0	.079
9.0 - 12.0	.037
12.0 - 16.0	.054
16.0 - 21.0	.021
21.0 - 28.0	.018
28.0 - 36.0	.005
36.0 - 47.0	.001
47.0 - 62.0	.001
62.0 - 82.0	.000
82.0 - 108.0	.000
GREATER THAN 108	0.000 *UM

FLIGHT NUMBER 004 226  
 DATE 20 JAN 1972  
 TIME 19 31 15  
 COUNTER NUMBER 8627

AIRCRAFT ALTITUDE (KM) 13.7  
 AIRCRAFT VELOCITY (M/S) 218.8  
 AMBIENT TEMPERATURE (DEG K) 213.9

SAMPLED VOLUME (CM\*\*3) 390.0  
 SAMPLE INTERVAL (M) 1093.9  
 NUMBER DENSITY (NO/CM\*\*3) .94  
 LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.154
7.0 - 9.0	.119
9.0 - 12.0	.032
12.0 - 16.0	.026
16.0 - 21.0	.026
21.0 - 28.0	.015
28.0 - 36.0	.002
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	.000

FLIGHT NUMBER 004 227  
 DATE 20 JAN 1972  
 TIME 19 31 20  
 COUNTER NUMBER 8628

AIRCRAFT ALTITUDE (KM) 13.7  
 AIRCRAFT VELOCITY (M/S) 218.8  
 AMBIENT TEMPERATURE (DEG K) 214.1

SAMPLED VOLUME (CM\*\*3) 390.0  
 SAMPLE INTERVAL (M) 1093.9  
 NUMBER DENSITY (NO/CM\*\*3) .97  
 LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.171
7.0 - 9.0	.096
9.0 - 12.0	.050
12.0 - 16.0	.029
16.0 - 21.0	.019
21.0 - 28.0	.012
28.0 - 36.0	.005
36.0 - 47.0	.001
47.0 - 62.0	.001
62.0 - 82.0	.001
82.0 - 108.0	.000

FLIGHT NUMBER 004 228  
 DATE 20 JAN 1972  
 TIME 19 31 25  
 COUNTER NUMBER 8629

AIRCRAFT ALTITUDE (KM) 13.7  
 AIRCRAFT VELOCITY (M/S) 218.8  
 AMBIENT TEMPERATURE (DEG K) 213.8

SAMPLED VOLUME (CM\*\*3) 390.0  
 SAMPLE INTERVAL (M) 1093.9  
 NUMBER DENSITY (NO/CM\*\*3) .82  
 LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.144
7.0 - 9.0	.091
9.0 - 12.0	.045
12.0 - 16.0	.016
16.0 - 21.0	.016
21.0 - 28.0	.011
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 004 DATE 20 JAN 1972 TIME 19 31 30 COUNTER NUMBER 8633	229	FLIGHT NUMBER 004 DATE 20 JAN 1972 TIME 19 31 35 COUNTER NUMBER 8631	230	FLIGHT NUMBER 004 DATE 20 JAN 1972 TIME 19 31 40 COUNTER NUMBER 8632	231
AIRCRAFT ALTITUDE (KM) 13.7 AIRCRAFT VELOCITY (M/S) 218.8 AMBIENT TEMPERATURE (DEG K) 213.5		AIRCRAFT ALTITUDE (KM) 13.7 AIRCRAFT VELOCITY (M/S) 218.8 AMBIENT TEMPERATURE (DEG K) 213.5		AIRCRAFT ALTITUDE (KM) 13.7 AIRCRAFT VELOCITY (M/S) 218.8 AMBIENT TEMPERATURE (DEG K) 213.6	
SAMPLED VOLUME (CM**3) 390.0 SAMPLE INTERVAL (M) 1093.9 NUMBER DENSITY (NO/CM**3) .51 LIQ. WATER CONTENT (GM/M**3) .007		SAMPLED VOLUME (CM**3) 390.0 SAMPLE INTERVAL (M) 1093.9 NUMBER DENSITY (NO/CM**3) .52 LIQ. WATER CONTENT (GM/M**3) .008		SAMPLED VOLUME (CM**3) 390.0 SAMPLE INTERVAL (M) 1093.9 NUMBER DENSITY (NO/CM**3) .74 LIQ. WATER CONTENT (GM/M**3) .004	
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 .043 7.0 - 9.0 .072 9.0 - 12.0 .010 12.0 - 16.0 .022 16.0 - 21.0 .014 21.0 - 28.0 .005 28.0 - 36.0 .003 36.0 - 47.0 .001 47.0 - 62.0 .002 62.0 - 82.0 0.000 82.0 - 108.0 .000		5.5 - 7.0 .053 7.0 - 9.0 .027 9.0 - 12.0 .021 12.0 - 16.0 .032 16.0 - 21.0 .003 21.0 - 28.0 .009 28.0 - 36.0 .007 36.0 - 47.0 .002 47.0 - 62.0 .001 62.0 - 82.0 .001 82.0 - 108.0 0.000		5.5 - 7.0 .068 7.0 - 9.0 .059 9.0 - 12.0 .053 12.0 - 16.0 .020 16.0 - 21.0 .027 21.0 - 28.0 .009 28.0 - 36.0 .005 36.0 - 47.0 .002 47.0 - 62.0 .001 62.0 - 82.0 0.000 82.0 - 108.0 0.000	
FLIGHT NUMBER 004 DATE 20 JAN 1972 TIME 19 31 45 COUNTER NUMBER 8633	232	FLIGHT NUMBER 004 DATE 20 JAN 1972 TIME 19 31 51 COUNTER NUMBER 8634	233	FLIGHT NUMBER 004 DATE 20 JAN 1972 TIME 19 31 56 COUNTER NUMBER 8635	234
AIRCRAFT ALTITUDE (KM) 13.7 AIRCRAFT VELOCITY (M/S) 218.8 AMBIENT TEMPERATURE (DEG K) 213.6		AIRCRAFT ALTITUDE (KM) 13.7 AIRCRAFT VELOCITY (M/S) 218.8 AMBIENT TEMPERATURE (DEG K) 213.7		AIRCRAFT ALTITUDE (KM) 13.7 AIRCRAFT VELOCITY (M/S) 218.8 AMBIENT TEMPERATURE (DEG K) 213.8	
SAMPLED VOLUME (CM**3) 468.0 SAMPLE INTERVAL (M) 1093.9 NUMBER DENSITY (NO/CM**3) .56 LIQ. WATER CONTENT (GM/M**3) .002		SAMPLED VOLUME (CM**3) 390.0 SAMPLE INTERVAL (M) 1312.7 NUMBER DENSITY (NO/CM**3) .86 LIQ. WATER CONTENT (GM/M**3) .002		SAMPLED VOLUME (CM**3) 390.0 SAMPLE INTERVAL (M) 1093.9 NUMBER DENSITY (NO/CM**3) .95 LIQ. WATER CONTENT (GM/M**3) .003	
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 .040 7.0 - 9.0 .033 9.0 - 12.0 .018 12.0 - 16.0 .046 16.0 - 21.0 .016 21.0 - 28.0 .010 28.0 - 36.0 .002 36.0 - 47.0 .001 47.0 - 62.0 .000 62.0 - 82.0 0.000 82.0 - 108.0 0.000		5.5 - 7.0 .128 7.0 - 9.0 .051 9.0 - 12.0 .043 12.0 - 16.0 .056 16.0 - 21.0 .024 21.0 - 28.0 .008 28.0 - 36.0 .003 36.0 - 47.0 .001 47.0 - 62.0 0.000 62.0 - 82.0 0.030 82.0 - 108.0 0.000		5.5 - 7.0 .106 7.0 - 9.0 .087 9.0 - 12.0 .058 12.0 - 16.0 .050 16.0 - 21.0 .017 21.0 - 28.0 .017 28.0 - 36.0 .004 36.0 - 47.0 0.000 47.0 - 62.0 .001 62.0 - 82.0 0.000 82.0 - 108.0 0.000	
FLIGHT NUMBER 004 DATE 20 JAN 1972 TIME 19 32 1 COUNTER NUMBER 8636	235	FLIGHT NUMBER 004 DATE 20 JAN 1972 TIME 19 32 6 COUNTER NUMBER 8637	236	FLIGHT NUMBER 004 DATE 20 JAN 1972 TIME 19 32 11 COUNTER NUMBER 8638	237
AIRCRAFT ALTITUDE (KM) 13.7 AIRCRAFT VELOCITY (M/S) 218.8 AMBIENT TEMPERATURE (DEG K) 213.9		AIRCRAFT ALTITUDE (KM) 13.7 AIRCRAFT VELOCITY (M/S) 218.8 AMBIENT TEMPERATURE (DEG K) 213.9		AIRCRAFT ALTITUDE (KM) 13.7 AIRCRAFT VELOCITY (M/S) 218.8 AMBIENT TEMPERATURE (DEG K) 213.9	
SAMPLED VOLUME (CM**3) 390.0 SAMPLE INTERVAL (M) 1093.9 NUMBER DENSITY (NO/CM**3) 1.06 LIQ. WATER CONTENT (GM/M**3) .002		SAMPLED VOLUME (CM**3) 390.0 SAMPLE INTERVAL (M) 1093.9 NUMBER DENSITY (NO/CM**3) .98 LIQ. WATER CONTENT (GM/M**3) .002		SAMPLED VOLUME (CM**3) 468.0 SAMPLE INTERVAL (M) 1093.9 NUMBER DENSITY (NO/CM**3) .99 LIQ. WATER CONTENT (GM/M**3) .003	
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 .015 7.0 - 9.0 .144 9.0 - 12.0 .098 12.0 - 16.0 .040 16.0 - 21.0 .040 21.0 - 28.0 .010 28.0 - 36.0 .003 36.0 - 47.0 0.000 47.0 - 62.0 0.000 62.0 - 82.0 0.000 82.0 - 108.0 0.000		5.5 - 7.0 .074 7.0 - 9.0 .083 9.0 - 12.0 .072 12.0 - 16.0 .040 16.0 - 21.0 .043 21.0 - 28.0 .012 28.0 - 36.0 .003 36.0 - 47.0 0.000 47.0 - 62.0 0.000 62.0 - 82.0 0.000 82.0 - 108.0 0.000		5.5 - 7.0 .093 7.0 - 9.0 .083 9.0 - 12.0 .068 12.0 - 16.0 .046 16.0 - 21.0 .026 21.0 - 28.0 .016 28.0 - 36.0 .005 36.0 - 47.0 .001 47.0 - 62.0 0.000 62.0 - 82.0 0.000 82.0 - 108.0 0.000	
FLIGHT NUMBER 004 DATE 20 JAN 1972 TIME 19 32 17 COUNTER NUMBER 8639	238	FLIGHT NUMBER 004 DATE 20 JAN 1972 TIME 19 32 22 COUNTER NUMBER 8640	239	FLIGHT NUMBER 004 DATE 20 JAN 1972 TIME 19 32 27 COUNTER NUMBER 8641	240
AIRCRAFT ALTITUDE (KM) 13.7 AIRCRAFT VELOCITY (M/S) 218.8 AMBIENT TEMPERATURE (DEG K) 213.8		AIRCRAFT ALTITUDE (KM) 13.7 AIRCRAFT VELOCITY (M/S) 218.8 AMBIENT TEMPERATURE (DEG K) 213.7		AIRCRAFT ALTITUDE (KM) 13.7 AIRCRAFT VELOCITY (M/S) 218.8 AMBIENT TEMPERATURE (DEG K) 213.6	
SAMPLED VOLUME (CM**3) 390.0 SAMPLE INTERVAL (M) 1312.7 NUMBER DENSITY (NO/CM**3) 1.64 LIQ. WATER CONTENT (GM/M**3) .002		SAMPLED VOLUME (CM**3) 390.0 SAMPLE INTERVAL (M) 1093.9 NUMBER DENSITY (NO/CM**3) 1.64 LIQ. WATER CONTENT (GM/M**3) .004		SAMPLED VOLUME (CM**3) 390.0 SAMPLE INTERVAL (M) 1093.9 NUMBER DENSITY (NO/CM**3) 1.55 LIQ. WATER CONTENT (GM/M**3) .004	
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 .202 7.0 - 9.0 .091 9.0 - 12.0 .096 12.0 - 16.0 .080 16.0 - 21.0 .046 21.0 - 28.0 .008 28.0 - 36.0 .002 36.0 - 47.0 .001 47.0 - 62.0 0.000 62.0 - 82.0 0.000 82.0 - 108.0 0.000		5.5 - 7.0 .197 7.0 - 9.0 .183 9.0 - 12.0 .082 12.0 - 16.0 .052 16.0 - 21.0 .062 21.0 - 28.0 .024 28.0 - 36.0 .005 36.0 - 47.0 .001 47.0 - 62.0 0.000 62.0 - 82.0 0.000 82.0 - 108.0 0.000		5.5 - 7.0 .181 7.0 - 9.0 .172 9.0 - 12.0 .093 12.0 - 16.0 .050 16.0 - 21.0 .048 21.0 - 28.0 .025 28.0 - 36.0 .004 36.0 - 47.0 0.000 47.0 - 62.0 .001 62.0 - 82.0 0.000 82.0 - 108.0 0.000	

FLIGHT NUMBER 004 241  
DATE 20 JAN 1972  
TIME 19 32 32  
COUNTER NUMBER 8642

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.7  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 2.23  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.342
7.0 - 9.0	.204
9.0 - 12.0	.115
12.0 - 16.0	.102
16.0 - 21.0	.057
21.0 - 28.0	.030
28.0 - 36.0	.006
36.0 - 47.0	.001
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 242  
DATE 20 JAN 1972  
TIME 19 32 37  
COUNTER NUMBER 8643

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.8  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 2.40  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.357
7.0 - 9.0	.321
9.0 - 12.0	.103
12.0 - 16.0	.096
16.0 - 21.0	.072
21.0 - 28.0	.021
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	.000

FLIGHT NUMBER 004 243  
DATE 20 JAN 1972  
TIME 19 32 42  
COUNTER NUMBER 8644

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.7  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 2.43  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.357
7.0 - 9.0	.353
9.0 - 12.0	.101
12.0 - 16.0	.094
16.0 - 21.0	.061
21.0 - 28.0	.015
28.0 - 36.0	.012
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 244  
DATE 20 JAN 1972  
TIME 19 32 47  
COUNTER NUMBER 8645

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.9  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 2.63  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.239
7.0 - 9.0	.364
9.0 - 12.0	.157
12.0 - 16.0	.128
16.0 - 21.0	.064
21.0 - 28.0	.025
28.0 - 36.0	.005
36.0 - 47.0	.001
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 245  
DATE 20 JAN 1972  
TIME 19 32 52  
COUNTER NUMBER 8646

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.9  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 2.96  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.453
7.0 - 9.0	.408
9.0 - 12.0	.203
12.0 - 16.0	.114
16.0 - 21.0	.051
21.0 - 28.0	.016
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	.000

FLIGHT NUMBER 004 246  
DATE 20 JAN 1972  
TIME 19 32 57  
COUNTER NUMBER 8647

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.9  
  
SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 4.55  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.392
7.0 - 9.0	.280
9.0 - 12.0	.173
12.0 - 16.0	.083
16.0 - 21.0	.067
21.0 - 28.0	.021
28.0 - 36.0	.003
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 247  
DATE 20 JAN 1972  
TIME 19 33 3  
COUNTER NUMBER 8648

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.9  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) 3.61  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.458
7.0 - 9.0	.453
9.0 - 12.0	.272
12.0 - 16.0	.156
16.0 - 21.0	.051
21.0 - 28.0	.034
28.0 - 36.0	.010
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 248  
DATE 20 JAN 1972  
TIME 19 33 8  
COUNTER NUMBER 8649

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.8  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 3.69  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.523
7.0 - 9.0	.517
9.0 - 12.0	.250
12.0 - 16.0	.126
16.0 - 21.0	.073
21.0 - 28.0	.025
28.0 - 36.0	.007
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 249  
DATE 20 JAN 1972  
TIME 19 33 13  
COUNTER NUMBER 8650

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.7  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 4.55  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.538
7.0 - 9.0	.645
9.0 - 12.0	.363
12.0 - 16.0	.178
16.0 - 21.0	.082
21.0 - 28.0	.032
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 250  
DATE 20 JAN 1972  
TIME 19 33 18  
COUNTER NUMBER 8651

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.6  
  
SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 4.67  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.667
7.0 - 9.0	.710
9.0 - 12.0	.380
12.0 - 16.0	.155
16.0 - 21.0	.056
21.0 - 28.0	.024
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 251  
DATE 20 JAN 1972  
TIME 19 33 24  
COUNTER NUMBER 8652

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.6  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) 3.85  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.651
7.0 - 9.0	.212
9.0 - 12.0	.344
12.0 - 16.0	.214
16.0 - 21.0	.080
21.0 - 28.0	.021
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 252  
DATE 20 JAN 1972  
TIME 19 33 29  
COUNTER NUMBER 8653

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.7  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 4.05  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.513
7.0 - 9.0	.500
9.0 - 12.0	.317
12.0 - 16.0	.230
16.0 - 21.0	.045
21.0 - 28.0	.024
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 253  
DATE 20 JAN 1972  
TIME 19 33 34  
COUNTER NUMBER 8654

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.8

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 3.18  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.432
7.0 - 9.0	.372
9.0 - 12.0	.192
12.0 - 16.0	.156
16.0 - 21.0	.083
21.0 - 28.0	.022
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 254  
DATE 20 JAN 1972  
TIME 19 33 39  
COUNTER NUMBER 8655

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.0

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 3.41  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.342
7.0 - 9.0	.432
9.0 - 12.0	.240
12.0 - 16.0	.156
16.0 - 21.0	.078
21.0 - 28.0	.035
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 255  
DATE 20 JAN 1972  
TIME 19 33 44  
COUNTER NUMBER 8656

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.7

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 3.98  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.432
7.0 - 9.0	.521
9.0 - 12.0	.326
12.0 - 16.0	.198
16.0 - 21.0	.073
21.0 - 28.0	.018
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 256  
DATE 20 JAN 1972  
TIME 19 33 49  
COUNTER NUMBER 8657

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.2

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 2.22  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.138
7.0 - 9.0	.240
9.0 - 12.0	.107
12.0 - 16.0	.120
16.0 - 21.0	.067
21.0 - 28.0	.046
28.0 - 36.0	.008
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 257  
DATE 20 JAN 1972  
TIME 19 33 54  
COUNTER NUMBER 8658

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 213.6  
AMBIENT TEMPERATURE (DEG K) 213.3

SAMPLED VOLUME (CM\*\*3) 385.0  
SAMPLE INTERVAL (M) 1081.1  
NUMBER DENSITY (NO/CM\*\*3) 2.24  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.118
7.0 - 9.0	.117
9.0 - 12.0	.081
12.0 - 16.0	.116
16.0 - 21.0	.104
21.0 - 28.0	.063
28.0 - 36.0	.015
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 258  
DATE 20 JAN 1972  
TIME 19 33 59  
COUNTER NUMBER 8659

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 213.6  
AMBIENT TEMPERATURE (DEG K) 213.4

SAMPLED VOLUME (CM\*\*3) 385.0  
SAMPLE INTERVAL (M) 1068.2  
NUMBER DENSITY (NO/CM\*\*3) 2.63  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.102
7.0 - 9.0	.279
9.0 - 12.0	.186
12.0 - 16.0	.160
16.0 - 21.0	.092
21.0 - 28.0	.033
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 259  
DATE 20 JAN 1972  
TIME 19 34 4  
COUNTER NUMBER 8660

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 213.6  
AMBIENT TEMPERATURE (DEG K) 213.6

SAMPLED VOLUME (CM\*\*3) 462.0  
SAMPLE INTERVAL (M) 1068.2  
NUMBER DENSITY (NO/CM\*\*3) 2.92  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.333
7.0 - 9.0	.479
9.0 - 12.0	.139
12.0 - 16.0	.164
16.0 - 21.0	.055
21.0 - 28.0	.011
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 260  
DATE 20 JAN 1972  
TIME 19 34 10  
COUNTER NUMBER 8661

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 213.6  
AMBIENT TEMPERATURE (DEG K) 213.9

SAMPLED VOLUME (CM\*\*3) 385.0  
SAMPLE INTERVAL (M) 1281.9  
NUMBER DENSITY (NO/CM\*\*3) 5.17  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.698
7.0 - 9.0	.686
9.0 - 12.0	.448
12.0 - 16.0	.249
16.0 - 21.0	.061
21.0 - 28.0	.014
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 261  
DATE 20 JAN 1972  
TIME 19 34 15  
COUNTER NUMBER 8662

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 213.6  
AMBIENT TEMPERATURE (DEG K) 213.9

SAMPLED VOLUME (CM\*\*3) 385.0  
SAMPLE INTERVAL (M) 1068.2  
NUMBER DENSITY (NO/CM\*\*3) 4.95  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.637
7.0 - 9.0	.799
9.0 - 12.0	.414
12.0 - 16.0	.211
16.0 - 21.0	.044
21.0 - 28.0	.012
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 262  
DATE 20 JAN 1972  
TIME 19 34 20  
COUNTER NUMBER 8663

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 213.6  
AMBIENT TEMPERATURE (DEG K) 213.8

SAMPLED VOLUME (CM\*\*3) 385.0  
SAMPLE INTERVAL (M) 1068.2  
NUMBER DENSITY (NO/CM\*\*3) 5.70  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.881
7.0 - 9.0	.835
9.0 - 12.0	.479
12.0 - 16.0	.213
16.0 - 21.0	.060
21.0 - 28.0	.016
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 263  
DATE 20 JAN 1972  
TIME 19 34 25  
COUNTER NUMBER 8664

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 213.6  
AMBIENT TEMPERATURE (DEG K) 213.9

SAMPLED VOLUME (CM\*\*3) 385.0  
SAMPLE INTERVAL (M) 1068.2  
NUMBER DENSITY (NO/CM\*\*3) .34  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.016
7.0 - 9.0	.073
9.0 - 12.0	.022
12.0 - 16.0	.002
16.0 - 21.0	.015
21.0 - 28.0	.002
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 264  
DATE 20 JAN 1972  
TIME 19 34 30  
COUNTER NUMBER 8665

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 213.6  
AMBIENT TEMPERATURE (DEG K) 213.9

SAMPLED VOLUME (CM\*\*3) 462.0  
SAMPLE INTERVAL (M) 1068.2  
NUMBER DENSITY (NO/CM\*\*3) 2.82  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.293
7.0 - 9.0	.338
9.0 - 12.0	.253
12.0 - 16.0	.110
16.0 - 21.0	.051
21.0 - 28.0	.006
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 265  
DATE 20 JAN 1972  
TIME 19 34 36  
COUNTER NUMBER 8666

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 213.6  
AMBIENT TEMPERATURE (DEG K) 213.6

SAMPLED VOLUME (CM\*\*3) 385.0  
SAMPLE INTERVAL (M) 1281.9  
NUMBER DENSITY (NO/CM\*\*3) .52  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.031
7.0 - 9.0	.073
9.0 - 12.0	.010
12.0 - 16.0	.014
16.0 - 21.0	.018
21.0 - 28.0	.015
28.0 - 36.0	.005
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 266  
DATE 20 JAN 1972  
TIME 19 34 41  
COUNTER NUMBER 8667

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.5

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1081.1  
NUMBER DENSITY (NO/CM\*\*3) .92  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.111
7.0 - 9.0	.128
9.0 - 12.0	.067
12.0 - 16.0	.042
16.0 - 21.0	.021
21.0 - 28.0	.003
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 267  
DATE 20 JAN 1972  
TIME 19 34 46  
COUNTER NUMBER 8668

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.7

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .72  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.111
7.0 - 9.0	.044
9.0 - 12.0	.015
12.0 - 16.0	.054
16.0 - 21.0	.022
21.0 - 28.0	.011
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 268  
DATE 20 JAN 1972  
TIME 19 34 51  
COUNTER NUMBER 8669

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.8

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 1.59  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.091
7.0 - 9.0	.140
9.0 - 12.0	.107
12.0 - 16.0	.076
16.0 - 21.0	.069
21.0 - 28.0	.026
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 269  
DATE 20 JAN 1972  
TIME 19 34 56  
COUNTER NUMBER 8670

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.8

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .76  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.068
7.0 - 9.0	.047
9.0 - 12.0	.034
12.0 - 16.0	.034
16.0 - 21.0	.026
21.0 - 28.0	.021
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 270  
DATE 20 JAN 1972  
TIME 19 35 1  
COUNTER NUMBER 8671

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.8

SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 2.13  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.262
7.0 - 9.0	.256
9.0 - 12.0	.145
12.0 - 16.0	.123
16.0 - 21.0	.043
21.0 - 28.0	.011
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 271  
DATE 20 JAN 1972  
TIME 19 35 7  
COUNTER NUMBER 8672

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.7

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) 2.74  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.304
7.0 - 9.0	.404
9.0 - 12.0	.181
12.0 - 16.0	.130
16.0 - 21.0	.051
21.0 - 28.0	.021
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 272  
DATE 20 JAN 1972  
TIME 19 35 12  
COUNTER NUMBER 8673

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.6

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 1.34  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.202
7.0 - 9.0	.155
9.0 - 12.0	.085
12.0 - 16.0	.056
16.0 - 21.0	.024
21.0 - 28.0	.014
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 273  
DATE 20 JAN 1972  
TIME 19 35 17  
COUNTER NUMBER 8674

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.7

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 2.05  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.239
7.0 - 9.0	.292
9.0 - 12.0	.144
12.0 - 16.0	.094
16.0 - 21.0	.038
21.0 - 28.0	.009
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 274  
DATE 20 JAN 1972  
TIME 19 35 22  
COUNTER NUMBER 8675

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.8

SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 2.76  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.356
7.0 - 9.0	.443
9.0 - 12.0	.242
12.0 - 16.0	.091
16.0 - 21.0	.037
21.0 - 28.0	.005
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 275  
DATE 20 JAN 1972  
TIME 19 35 27  
COUNTER NUMBER 8676

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.0

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 9.20  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.949
7.0 - 9.0	1.629
9.0 - 12.0	.705
12.0 - 16.0	.156
16.0 - 21.0	.033
21.0 - 28.0	.012
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 276  
DATE 20 JAN 1972  
TIME 19 35 32  
COUNTER NUMBER 8677

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.0

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 8.43  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.853
7.0 - 9.0	1.703
9.0 - 12.0	.523
12.0 - 16.0	.144
16.0 - 21.0	.017
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 004 277  
DATE 20 JAN 1972  
TIME 19 35 37  
COUNTER NUMBER 8678

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.8  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 7.84  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.831
7.0 - 9.0	1.354
9.0 - 12.0	.544
12.0 - 16.0	.140
16.0 - 21.0	.026
21.0 - 28.0	.008
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 278  
DATE 20 JAN 1972  
TIME 19 35 43  
COUNTER NUMBER 8679

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.6  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) 6.97  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.041
7.0 - 9.0	1.314
9.0 - 12.0	.539
12.0 - 16.0	.182
16.0 - 21.0	.069
21.0 - 28.0	.010
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 279  
DATE 20 JAN 1972  
TIME 19 35 48  
COUNTER NUMBER 8680

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.6  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 5.49  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.913
7.0 - 9.0	.881
9.0 - 12.0	.488
12.0 - 16.0	.150
16.0 - 21.0	.049
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 280  
DATE 20 JAN 1972  
TIME 19 35 53  
COUNTER NUMBER 8681

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.7  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 4.58  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.067
7.0 - 9.0	.796
9.0 - 12.0	.296
12.0 - 16.0	.202
16.0 - 21.0	.054
21.0 - 28.0	.003
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 281  
DATE 20 JAN 1972  
TIME 19 35 58  
COUNTER NUMBER 8682

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.8  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 3.18  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.501
7.0 - 9.0	.428
9.0 - 12.0	.315
12.0 - 16.0	.112
16.0 - 21.0	.021
21.0 - 28.0	.009
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 282  
DATE 20 JAN 1972  
TIME 19 36 3  
COUNTER NUMBER 8683

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.8  
  
SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 2.54  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.333
7.0 - 9.0	.297
9.0 - 12.0	.226
12.0 - 16.0	.123
16.0 - 21.0	.041
21.0 - 28.0	.009
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 283  
DATE 20 JAN 1972  
TIME 19 36 9  
COUNTER NUMBER 8684

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.6  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) 2.72  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.335
7.0 - 9.0	.228
9.0 - 12.0	.200
12.0 - 16.0	.158
16.0 - 21.0	.082
21.0 - 28.0	.015
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 284  
DATE 20 JAN 1972  
TIME 19 36 14  
COUNTER NUMBER 8685

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.7  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 3.10  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.330
7.0 - 9.0	.283
9.0 - 12.0	.285
12.0 - 16.0	.154
16.0 - 21.0	.078
21.0 - 28.0	.024
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 285  
DATE 20 JAN 1972  
TIME 19 36 19  
COUNTER NUMBER 8686

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.8  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 3.70  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.662
7.0 - 9.0	.568
9.0 - 12.0	.278
12.0 - 16.0	.112
16.0 - 21.0	.040
21.0 - 28.0	.012
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 286  
DATE 20 JAN 1972  
TIME 19 36 24  
COUNTER NUMBER 8687

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.7  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 3.71  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.549
7.0 - 9.0	.641
9.0 - 12.0	.272
12.0 - 16.0	.124
16.0 - 21.0	.040
21.0 - 28.0	.012
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 287  
DATE 20 JAN 1972  
TIME 19 36 29  
COUNTER NUMBER 8688

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.9  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 3.23  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.378
7.0 - 9.0	.356
9.0 - 12.0	.250
12.0 - 16.0	.202
16.0 - 21.0	.057
21.0 - 28.0	.015
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 288  
DATE 20 JAN 1972  
TIME 19 36 34  
COUNTER NUMBER 8689

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.7  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 2.67  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.277
7.0 - 9.0	.296
9.0 - 12.0	.192
12.0 - 16.0	.136
16.0 - 21.0	.077
21.0 - 28.0	.019
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 289  
DATE 20 JAN 1972  
TIME 19 36 39  
COUNTER NUMBER 8690

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.6

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 2.26  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.164
7.0 - 9.0	.196
9.0 - 12.0	.136
12.0 - 16.0	.142
16.0 - 21.0	.075
21.0 - 28.0	.034
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 290  
DATE 20 JAN 1972  
TIME 19 36 44  
COUNTER NUMBER 8691

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.7

SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 2.22  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.258
7.0 - 9.0	.179
9.0 - 12.0	.160
12.0 - 16.0	.134
16.0 - 21.0	.060
21.0 - 28.0	.023
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 291  
DATE 20 JAN 1972  
TIME 19 36 50  
COUNTER NUMBER 8692

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.9

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) 3.05  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.282
7.0 - 9.0	.347
9.0 - 12.0	.176
12.0 - 16.0	.210
16.0 - 21.0	.093
21.0 - 28.0	.012
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 292  
DATE 20 JAN 1972  
TIME 19 36 55  
COUNTER NUMBER 8693

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.9

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 2.88  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.234
7.0 - 9.0	.224
9.0 - 12.0	.195
12.0 - 16.0	.214
16.0 - 21.0	.106
21.0 - 28.0	.016
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 293  
DATE 20 JAN 1972  
TIME 19 37 0  
COUNTER NUMBER 8694

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.9

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 2.08  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.149
7.0 - 9.0	.308
9.0 - 12.0	.162
12.0 - 16.0	.128
16.0 - 21.0	.038
21.0 - 28.0	.005
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 294  
DATE 20 JAN 1972  
TIME 19 37 5  
COUNTER NUMBER 8695

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.7

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 1.90  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.191
7.0 - 9.0	.187
9.0 - 12.0	.133
12.0 - 16.0	.080
16.0 - 21.0	.048
21.0 - 28.0	.031
28.0 - 36.0	.008
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 295  
DATE 20 JAN 1972  
TIME 19 37 10  
COUNTER NUMBER 8696

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.4

SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 2.22  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.350
7.0 - 9.0	.294
9.0 - 12.0	.142
12.0 - 16.0	.087
16.0 - 21.0	.037
21.0 - 28.0	.017
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 296  
DATE 20 JAN 1972  
TIME 19 37 16  
COUNTER NUMBER 8697

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.6

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) 3.00  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.342
7.0 - 9.0	.304
9.0 - 12.0	.176
12.0 - 16.0	.142
16.0 - 21.0	.069
21.0 - 28.0	.046
28.0 - 36.0	.010
36.0 - 47.0	.003
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 297  
DATE 20 JAN 1972  
TIME 19 37 21  
COUNTER NUMBER 8698

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.7

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 3.02  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.239
7.0 - 9.0	.264
9.0 - 12.0	.240
12.0 - 16.0	.166
16.0 - 21.0	.078
21.0 - 28.0	.037
28.0 - 36.0	.010
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 298  
DATE 20 JAN 1972  
TIME 19 37 26  
COUNTER NUMBER 8699

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.6

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 3.43  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.390
7.0 - 9.0	.385
9.0 - 12.0	.221
12.0 - 16.0	.168
16.0 - 21.0	.086
21.0 - 28.0	.039
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 299  
DATE 20 JAN 1972  
TIME 19 37 31  
COUNTER NUMBER 8700

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.8

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 1.65  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.096
7.0 - 9.0	.096
9.0 - 12.0	.103
12.0 - 16.0	.096
16.0 - 21.0	.077
21.0 - 28.0	.024
28.0 - 36.0	.005
36.0 - 47.0	.003
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 300  
DATE 20 JAN 1972  
TIME 19 37 36  
COUNTER NUMBER 8701

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.6

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 1.56  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.085
7.0 - 9.0	.076
9.0 - 12.0	.082
12.0 - 16.0	.082
16.0 - 21.0	.075
21.0 - 28.0	.040
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 004 301  
 DATE 20 JAN 1972  
 TIME 19 37 41  
 COUNTER NUMBER 8702

AIRCRAFT ALTITUDE (KM) 13.1  
 AIRCRAFT VELOCITY (M/S) 223.9  
 AMBIENT TEMPERATURE (DEG K) 213.5

SAMPLED VOLUME (CM\*\*3) 400.0  
 SAMPLE INTERVAL (M) 1106.8  
 NUMBER DENSITY (NO/CM\*\*3) 1.48  
 LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.145
7.0 - 9.0	.035
9.0 - 12.0	.063
12.0 - 16.0	.068
16.0 - 21.0	.068
21.0 - 28.0	.046
28.0 - 36.0	.008
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 302  
 DATE 20 JAN 1972  
 TIME 19 37 46  
 COUNTER NUMBER 8703

AIRCRAFT ALTITUDE (KM) 13.1  
 AIRCRAFT VELOCITY (M/S) 231.7  
 AMBIENT TEMPERATURE (DEG K) 213.5

SAMPLED VOLUME (CM\*\*3) 246.0  
 SAMPLE INTERVAL (M) 1139.0  
 NUMBER DENSITY (NO/CM\*\*3) 2.68  
 LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.108
7.0 - 9.0	.177
9.0 - 12.0	.102
12.0 - 16.0	.145
16.0 - 21.0	.157
21.0 - 28.0	.060
28.0 - 36.0	.008
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 303  
 DATE 20 JAN 1972  
 TIME 19 37 49  
 COUNTER NUMBER 8704

AIRCRAFT ALTITUDE (KM) 13.1  
 AIRCRAFT VELOCITY (M/S) 221.4  
 AMBIENT TEMPERATURE (DEG K) 213.5

SAMPLED VOLUME (CM\*\*3) 395.0  
 SAMPLE INTERVAL (M) 679.5  
 NUMBER DENSITY (NO/CM\*\*3) 1.84  
 LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.120
7.0 - 9.0	.099
9.0 - 12.0	.095
12.0 - 16.0	.132
16.0 - 21.0	.090
21.0 - 28.0	.026
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 304  
 DATE 20 JAN 1972  
 TIME 19 37 54  
 COUNTER NUMBER 8705

AIRCRAFT ALTITUDE (KM) 13.1  
 AIRCRAFT VELOCITY (M/S) 211.1  
 AMBIENT TEMPERATURE (DEG K) 213.6

SAMPLED VOLUME (CM\*\*3) 608.0  
 SAMPLE INTERVAL (M) 1081.1  
 NUMBER DENSITY (NO/CM\*\*3) 1.34  
 LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.071
7.0 - 9.0	.030
9.0 - 12.0	.065
12.0 - 16.0	.110
16.0 - 21.0	.063
21.0 - 28.0	.027
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 305  
 DATE 20 JAN 1972  
 TIME 19 38 2  
 COUNTER NUMBER 8706

AIRCRAFT ALTITUDE (KM) 13.1  
 AIRCRAFT VELOCITY (M/S) 218.8  
 AMBIENT TEMPERATURE (DEG K) 213.7

SAMPLED VOLUME (CM\*\*3) 390.0  
 SAMPLE INTERVAL (M) 1719.4  
 NUMBER DENSITY (NO/CM\*\*3) 1.83  
 LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.133
7.0 - 9.0	.051
9.0 - 12.0	.037
12.0 - 16.0	.112
16.0 - 21.0	.118
21.0 - 28.0	.046
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 306  
 DATE 20 JAN 1972  
 TIME 19 38 7  
 COUNTER NUMBER 8707

AIRCRAFT ALTITUDE (KM) 13.4  
 AIRCRAFT VELOCITY (M/S) 218.8  
 AMBIENT TEMPERATURE (DEG K) 213.6

SAMPLED VOLUME (CM\*\*3) 390.0  
 SAMPLE INTERVAL (M) 1093.9  
 NUMBER DENSITY (NO/CM\*\*3) 1.91  
 LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.154
7.0 - 9.0	.215
9.0 - 12.0	.088
12.0 - 16.0	.058
16.0 - 21.0	.059
21.0 - 28.0	.051
28.0 - 36.0	.010
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 307  
 DATE 20 JAN 1972  
 TIME 19 37 12  
 COUNTER NUMBER 8708

AIRCRAFT ALTITUDE (KM) 13.4  
 AIRCRAFT VELOCITY (M/S) 218.8  
 AMBIENT TEMPERATURE (DEG K) 213.5

SAMPLED VOLUME (CM\*\*3) 608.0  
 SAMPLE INTERVAL (M) 1093.9  
 NUMBER DENSITY (NO/CM\*\*3) 2.34  
 LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.142
7.0 - 9.0	.300
9.0 - 12.0	.153
12.0 - 16.0	.105
16.0 - 21.0	.050
21.0 - 28.0	.045
28.0 - 36.0	.008
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 308  
 DATE 20 JAN 1972  
 TIME 19 38 18  
 COUNTER NUMBER 8709

AIRCRAFT ALTITUDE (KM) 13.4  
 AIRCRAFT VELOCITY (M/S) 218.8  
 AMBIENT TEMPERATURE (DEG K) 213.6

SAMPLED VOLUME (CM\*\*3) 390.0  
 SAMPLE INTERVAL (M) 1312.7  
 NUMBER DENSITY (NO/CM\*\*3) 2.32  
 LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.144
7.0 - 9.0	.315
9.0 - 12.0	.189
12.0 - 16.0	.116
16.0 - 21.0	.057
21.0 - 28.0	.019
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 309  
 DATE 20 JAN 1972  
 TIME 19 38 23  
 COUNTER NUMBER 8710

AIRCRAFT ALTITUDE (KM) 13.4  
 AIRCRAFT VELOCITY (M/S) 218.8  
 AMBIENT TEMPERATURE (DEG K) 213.6

SAMPLED VOLUME (CM\*\*3) 312.0  
 SAMPLE INTERVAL (M) 1093.9  
 NUMBER DENSITY (NO/CM\*\*3) 1.99  
 LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.173
7.0 - 9.0	.205
9.0 - 12.0	.103
12.0 - 16.0	.117
16.0 - 21.0	.050
21.0 - 28.0	.038
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 310  
 DATE 20 JAN 1972  
 TIME 19 38 27  
 COUNTER NUMBER 8711

AIRCRAFT ALTITUDE (KM) 13.4  
 AIRCRAFT VELOCITY (M/S) 218.8  
 AMBIENT TEMPERATURE (DEG K) 213.6

SAMPLED VOLUME (CM\*\*3) 468.0  
 SAMPLE INTERVAL (M) 875.2  
 NUMBER DENSITY (NO/CM\*\*3) 1.60  
 LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.128
7.0 - 9.0	.113
9.0 - 12.0	.038
12.0 - 16.0	.070
16.0 - 21.0	.124
21.0 - 28.0	.018
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 311  
 DATE 20 JAN 1972  
 TIME 19 38 33  
 COUNTER NUMBER 8712

AIRCRAFT ALTITUDE (KM) 13.4  
 AIRCRAFT VELOCITY (M/S) 218.8  
 AMBIENT TEMPERATURE (DEG K) 213.4

SAMPLED VOLUME (CM\*\*3) 390.0  
 SAMPLE INTERVAL (M) 1312.7  
 NUMBER DENSITY (NO/CM\*\*3) 1.46  
 LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.053
7.0 - 9.0	.132
9.0 - 12.0	.064
12.0 - 16.0	.102
16.0 - 21.0	.062
21.0 - 28.0	.030
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 312  
 DATE 20 JAN 1972  
 TIME 19 38 38  
 COUNTER NUMBER 8713

AIRCRAFT ALTITUDE (KM) 13.4  
 AIRCRAFT VELOCITY (M/S) 218.8  
 AMBIENT TEMPERATURE (DEG K) 213.2

SAMPLED VOLUME (CM\*\*3) 312.0  
 SAMPLE INTERVAL (M) 1093.9  
 NUMBER DENSITY (NO/CM\*\*3) 3.87  
 LIQ. WATER CONTENT (GM/M\*\*3) .009

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.205
7.0 - 9.0	.354
9.0 - 12.0	.203
12.0 - 16.0	.235
16.0 - 21.0	.176
21.0 - 28.0	.047
28.0 - 36.0	.010
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000



FLIGHT NUMBER 004 313  
DATE 20 JAN 1972  
TIME 19 38 42  
COUNTER NUMBER 8714

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.1  
  
SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 875.2  
NUMBER DENSITY (NO/CM\*\*3) 2.70  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.168
7.0 - 9.0	.283
9.0 - 12.0	.133
12.0 - 16.0	.202
16.0 - 21.0	.089
21.0 - 28.0	.027
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 314  
DATE 20 JAN 1972  
TIME 19 38 48  
COUNTER NUMBER 8715

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.3  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) 3.53  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.362
7.0 - 9.0	.260
9.0 - 12.0	.232
12.0 - 16.0	.220
16.0 - 21.0	.125
21.0 - 28.0	.034
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 315  
DATE 20 JAN 1972  
TIME 19 38 53  
COUNTER NUMBER 8716

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.4  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 3.82  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.224
7.0 - 9.0	.264
9.0 - 12.0	.195
12.0 - 16.0	.280
16.0 - 21.0	.189
21.0 - 28.0	.038
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 316  
DATE 20 JAN 1972  
TIME 19 39 58  
COUNTER NUMBER 8717

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.6  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 4.28  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.345
7.0 - 9.0	.324
9.0 - 12.0	.302
12.0 - 16.0	.298
16.0 - 21.0	.149
21.0 - 28.0	.030
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 317  
DATE 20 JAN 1972  
TIME 19 39 3  
COUNTER NUMBER 8718

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.5  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 4.56  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.415
7.0 - 9.0	.392
9.0 - 12.0	.317
12.0 - 16.0	.332
16.0 - 21.0	.133
21.0 - 28.0	.029
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 318  
DATE 20 JAN 1972  
TIME 19 39 8  
COUNTER NUMBER 8719

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.2  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 4.49  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.357
7.0 - 9.0	.421
9.0 - 12.0	.248
12.0 - 16.0	.334
16.0 - 21.0	.170
21.0 - 28.0	.025
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 319  
DATE 20 JAN 1972  
TIME 19 39 13  
COUNTER NUMBER 8720

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 221.4  
AMBIENT TEMPERATURE (DEG K) 213.2  
  
SAMPLED VOLUME (CM\*\*3) 395.0  
SAMPLE INTERVAL (M) 1100.4  
NUMBER DENSITY (NO/CM\*\*3) 4.13  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.258
7.0 - 9.0	.427
9.0 - 12.0	.300
12.0 - 16.0	.296
16.0 - 21.0	.130
21.0 - 28.0	.022
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 320  
DATE 20 JAN 1972  
TIME 19 39 19  
COUNTER NUMBER 8721

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 213.2  
  
SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) 3.87  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.293
7.0 - 9.0	.440
9.0 - 12.0	.353
12.0 - 16.0	.247
16.0 - 21.0	.080
21.0 - 28.0	.014
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 321  
DATE 20 JAN 1972  
TIME 19 39 24  
COUNTER NUMBER 8722

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 213.3  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1081.1  
NUMBER DENSITY (NO/CM\*\*3) 4.51  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.362
7.0 - 9.0	.356
9.0 - 12.0	.363
12.0 - 16.0	.318
16.0 - 21.0	.133
21.0 - 28.0	.032
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 322  
DATE 20 JAN 1972  
TIME 19 39 29  
COUNTER NUMBER 8723

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 213.4  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1081.1  
NUMBER DENSITY (NO/CM\*\*3) 4.35  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.352
7.0 - 9.0	.340
9.0 - 12.0	.293
12.0 - 16.0	.321
16.0 - 21.0	.167
21.0 - 28.0	.021
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 323  
DATE 20 JAN 1972  
TIME 19 39 34  
COUNTER NUMBER 8724

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 213.4  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1081.1  
NUMBER DENSITY (NO/CM\*\*3) 5.38  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.533
7.0 - 9.0	.513
9.0 - 12.0	.390
12.0 - 16.0	.366
16.0 - 21.0	.126
21.0 - 28.0	.040
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 324  
DATE 20 JAN 1972  
TIME 19 39 39  
COUNTER NUMBER 8725

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 213.4  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1081.1  
NUMBER DENSITY (NO/CM\*\*3) 4.59  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.309
7.0 - 9.0	.517
9.0 - 12.0	.280
12.0 - 16.0	.318
16.0 - 21.0	.162
21.0 - 28.0	.023
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 325  
DATE 20 JAN 1972  
TIME 19 39 44  
COUNTER NUMBER 8726

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 213.7

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1081.1  
NUMBER DENSITY (NO/CM\*\*3) 1.24  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.385
7.0 - 9.0	.228
9.0 - 12.0	.226
12.0 - 16.0	.286
16.0 - 21.0	.183
21.0 - 28.0	.053
28.0 - 36.0	.010
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 326  
DATE 20 JAN 1972  
TIME 19 39 49  
COUNTER NUMBER 8727

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 212.9

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1081.1  
NUMBER DENSITY (NO/CM\*\*3) 2.03  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.149
7.0 - 9.0	.096
9.0 - 12.0	.053
12.0 - 16.0	.086
16.0 - 21.0	.090
21.0 - 28.0	.080
28.0 - 36.0	.013
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 327  
DATE 20 JAN 1972  
TIME 19 39 54  
COUNTER NUMBER 8728

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 213.0

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1081.1  
NUMBER DENSITY (NO/CM\*\*3) 1.13  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.079
7.0 - 9.0	.032
9.0 - 12.0	.029
12.0 - 16.0	.052
16.0 - 21.0	.048
21.0 - 28.0	.042
28.0 - 36.0	.014
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 328  
DATE 20 JAN 1972  
TIME 19 39 59  
COUNTER NUMBER 8729

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 213.1

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1081.1  
NUMBER DENSITY (NO/CM\*\*3) 1.35  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.046
7.0 - 9.0	.064
9.0 - 12.0	.039
12.0 - 16.0	.056
16.0 - 21.0	.036
21.0 - 28.0	.062
28.0 - 36.0	.022
36.0 - 47.0	.001
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 329  
DATE 20 JAN 1972  
TIME 19 40 4  
COUNTER NUMBER 8730

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 213.2

SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1081.1  
NUMBER DENSITY (NO/CM\*\*3) 1.14  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.053
7.0 - 9.0	.063
9.0 - 12.0	.038
12.0 - 16.0	.035
16.0 - 21.0	.048
21.0 - 28.0	.053
28.0 - 36.0	.008
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 330  
DATE 20 JAN 1972  
TIME 19 40 10  
COUNTER NUMBER 8731

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 213.3

SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1297.3  
NUMBER DENSITY (NO/CM\*\*3) .95  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.061
7.0 - 9.0	.049
9.0 - 12.0	.031
12.0 - 16.0	.028
16.0 - 21.0	.037
21.0 - 28.0	.035
28.0 - 36.0	.015
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 331  
DATE 20 JAN 1972  
TIME 19 40 16  
COUNTER NUMBER 8732

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.5

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1305.0  
NUMBER DENSITY (NO/CM\*\*3) 1.04  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.126
7.0 - 9.0	.068
9.0 - 12.0	.018
12.0 - 16.0	.052
16.0 - 21.0	.056
21.0 - 28.0	.022
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 332  
DATE 20 JAN 1972  
TIME 19 40 21  
COUNTER NUMBER 8733

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.6

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 2.07  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.224
7.0 - 9.0	.192
9.0 - 12.0	.133
12.0 - 16.0	.128
16.0 - 21.0	.051
21.0 - 28.0	.023
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 333  
DATE 20 JAN 1972  
TIME 19 40 26  
COUNTER NUMBER 8734

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.3

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 2.80  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.181
7.0 - 9.0	.272
9.0 - 12.0	.235
12.0 - 16.0	.130
16.0 - 21.0	.101
21.0 - 28.0	.030
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 334  
DATE 20 JAN 1972  
TIME 19 40 31  
COUNTER NUMBER 8735

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.2

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 2.37  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.186
7.0 - 9.0	.183
9.0 - 12.0	.115
12.0 - 16.0	.120
16.0 - 21.0	.083
21.0 - 28.0	.056
28.0 - 36.0	.011
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 335  
DATE 20 JAN 1972  
TIME 19 40 36  
COUNTER NUMBER 8736

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 213.4

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1087.5  
NUMBER DENSITY (NO/CM\*\*3) 1.24  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.048
7.0 - 9.0	.151
9.0 - 12.0	.039
12.0 - 16.0	.040
16.0 - 21.0	.048
21.0 - 28.0	.038
28.0 - 36.0	.011
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 336  
DATE 20 JAN 1972  
TIME 19 40 41  
COUNTER NUMBER 8737

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 213.6

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1081.1  
NUMBER DENSITY (NO/CM\*\*3) .39  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.063
7.0 - 9.0	.036
9.0 - 12.0	.015
12.0 - 16.0	.008
16.0 - 21.0	.016
21.0 - 28.0	.008
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 337  
DATE 20 JAN 1972  
TIME 19 40 46  
COUNTER NUMBER 8738

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.6

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .02  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.002
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 338  
DATE 20 JAN 1972  
TIME 19 40 51  
COUNTER NUMBER 8739

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.7

SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.003
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 339  
DATE 20 JAN 1972  
TIME 19 40 57  
COUNTER NUMBER 8740

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.6

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.010
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.002
16.0 - 21.0	0.000
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 340  
DATE 20 JAN 1972  
TIME 19 41 2  
COUNTER NUMBER 8741

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.5

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.004
9.0 - 12.0	0.000
12.0 - 16.0	.002
16.0 - 21.0	0.000
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 341  
DATE 20 JAN 1972  
TIME 19 41 7  
COUNTER NUMBER 8742

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.3

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .56  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.031
7.0 - 9.0	.055
9.0 - 12.0	.032
12.0 - 16.0	.034
16.0 - 21.0	.019
21.0 - 28.0	.010
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 342  
DATE 20 JAN 1972  
TIME 19 41 12  
COUNTER NUMBER 8743

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.2

SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .35  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.026
7.0 - 9.0	.027
9.0 - 12.0	.006
12.0 - 16.0	.008
16.0 - 21.0	.017
21.0 - 28.0	.012
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 343  
DATE 20 JAN 1972  
TIME 19 41 18  
COUNTER NUMBER 8744

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.2

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) .08  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.026
7.0 - 9.0	.008
9.0 - 12.0	0.000
12.0 - 16.0	.004
16.0 - 21.0	.002
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 344  
DATE 20 JAN 1972  
TIME 19 41 23  
COUNTER NUMBER 8745

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.2

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .18  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.026
7.0 - 9.0	.008
9.0 - 12.0	.008
12.0 - 16.0	0.000
16.0 - 21.0	.008
21.0 - 28.0	.007
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 345  
DATE 20 JAN 1972  
TIME 19 41 28  
COUNTER NUMBER 8746

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.3

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.012
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.008
21.0 - 28.0	.003
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 346  
DATE 20 JAN 1972  
TIME 19 41 33  
COUNTER NUMBER 8747

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.4

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.021
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.002
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 347  
DATE 20 JAN 1972  
TIME 19 41 38  
COUNTER NUMBER 8748

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.4

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.010
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.002
16.0 - 21.0	0.000
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 348  
DATE 20 JAN 1972  
TIME 19 41 43  
COUNTER NUMBER 8749

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.3

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.004
9.0 - 12.0	.003
12.0 - 16.0	.006
16.0 - 21.0	.002
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 004 349  
DATE 20 JAN 1972  
TIME 19 41 48  
COUNTER NUMBER 8750

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.2  
  
SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .25  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.030
7.0 - 9.0	.003
9.0 - 12.0	0.000
12.0 - 16.0	.018
16.0 - 21.0	.005
21.0 - 28.0	.012
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 350  
DATE 20 JAN 1972  
TIME 19 41 54  
COUNTER NUMBER 8751

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.3  
  
SAMPLED VOLUME (CM\*\*3) 312.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) .48  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.045
7.0 - 9.0	.029
9.0 - 12.0	.027
12.0 - 16.0	.002
16.0 - 21.0	.024
21.0 - 28.0	.016
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 351  
DATE 20 JAN 1972  
TIME 19 41 58  
COUNTER NUMBER 8752

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.5  
  
SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 875.2  
NUMBER DENSITY (NO/CM\*\*3) .19  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.021
7.0 - 9.0	.016
9.0 - 12.0	.004
12.0 - 16.0	.003
16.0 - 21.0	.016
21.0 - 28.0	.002
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 352  
DATE 20 JAN 1972  
TIME 19 42 4  
COUNTER NUMBER 8753

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.5  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) .17  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.048
7.0 - 9.0	.008
9.0 - 12.0	.003
12.0 - 16.0	.012
16.0 - 21.0	.005
21.0 - 28.0	0.000
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 353  
DATE 20 JAN 1972  
TIME 19 42 9  
COUNTER NUMBER 8754

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.5  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .19  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.015
7.0 - 9.0	.047
9.0 - 12.0	.008
12.0 - 16.0	0.000
16.0 - 21.0	.008
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 354  
DATE 20 JAN 1972  
TIME 19 42 14  
COUNTER NUMBER 8755

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.4  
  
SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.003
9.0 - 12.0	.002
12.0 - 16.0	0.000
16.0 - 21.0	.001
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 355  
DATE 20 JAN 1972  
TIME 19 42 20  
COUNTER NUMBER 8756

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 213.3  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.008
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.002
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 356  
DATE 20 JAN 1972  
TIME 19 42 25  
COUNTER NUMBER 8757

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 221.4  
AMBIENT TEMPERATURE (DEG K) 213.2  
  
SAMPLED VOLUME (CM\*\*3) 395.0  
SAMPLE INTERVAL (M) 1100.4  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.020
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 357  
DATE 20 JAN 1972  
TIME 19 42 30  
COUNTER NUMBER 8758

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 221.4  
AMBIENT TEMPERATURE (DEG K) 213.0  
  
SAMPLED VOLUME (CM\*\*3) 395.0  
SAMPLE INTERVAL (M) 1106.8  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.010
7.0 - 9.0	.004
9.0 - 12.0	.003
12.0 - 16.0	.002
16.0 - 21.0	.003
21.0 - 28.0	0.000
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 358  
DATE 20 JAN 1972  
TIME 19 42 35  
COUNTER NUMBER 8759

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 221.4  
AMBIENT TEMPERATURE (DEG K) 210.8  
  
SAMPLED VOLUME (CM\*\*3) 395.0  
SAMPLE INTERVAL (M) 1106.8  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.010
7.0 - 9.0	.011
9.0 - 12.0	0.000
12.0 - 16.0	.002
16.0 - 21.0	0.000
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 359  
DATE 20 JAN 1972  
TIME 19 42 40  
COUNTER NUMBER 8760

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 208.5  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1100.4  
NUMBER DENSITY (NO/CM\*\*3) .08  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.004
9.0 - 12.0	.005
12.0 - 16.0	.008
16.0 - 21.0	.002
21.0 - 28.0	.002
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 360  
DATE 20 JAN 1972  
TIME 19 42 45  
COUNTER NUMBER 8761

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 208.2  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .09  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.015
9.0 - 12.0	.003
12.0 - 16.0	.004
16.0 - 21.0	.002
21.0 - 28.0	.003
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 361  
DATE 20 JAN 1972  
TIME 19 42 50  
COUNTER NUMBER 8762

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 207.9  
  
SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1106.8  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.025
7.0 - 9.0	.022
9.0 - 12.0	.007
12.0 - 16.0	.006
16.0 - 21.0	.012
21.0 - 26.0	.004
26.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 362  
DATE 20 JAN 1972  
TIME 19 42 55  
COUNTER NUMBER 8763

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 208.0  
  
SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1119.7  
NUMBER DENSITY (NO/CM\*\*3) .52  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.010
7.0 - 9.0	.026
9.0 - 12.0	.028
12.0 - 16.0	.017
16.0 - 21.0	.026
21.0 - 28.0	.019
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 363  
DATE 20 JAN 1972  
TIME 19 43 0  
COUNTER NUMBER 8764

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 208.1  
  
SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1119.7  
NUMBER DENSITY (NO/CM\*\*3) .19  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.020
7.0 - 9.0	.019
9.0 - 12.0	.002
12.0 - 16.0	.007
16.0 - 21.0	.007
21.0 - 28.0	.003
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 364  
DATE 20 JAN 1972  
TIME 19 43 5  
COUNTER NUMBER 8765

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 208.3  
  
SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1119.7  
NUMBER DENSITY (NO/CM\*\*3) .27  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.010
7.0 - 9.0	.039
9.0 - 12.0	.012
12.0 - 16.0	0.000
16.0 - 21.0	.014
21.0 - 26.0	.006
26.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 365  
DATE 20 JAN 1972  
TIME 19 43 10  
COUNTER NUMBER 8766

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 208.5  
  
SAMPLED VOLUME (CM\*\*3) 480.0  
SAMPLE INTERVAL (M) 1119.7  
NUMBER DENSITY (NO/CM\*\*3) .36  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.069
7.0 - 9.0	.026
9.0 - 12.0	.012
12.0 - 16.0	.008
16.0 - 21.0	.010
21.0 - 28.0	.009
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 366  
DATE 20 JAN 1972  
TIME 19 43 16  
COUNTER NUMBER 8767

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 208.4  
  
SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1343.6  
NUMBER DENSITY (NO/CM\*\*3) .13  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.010
7.0 - 9.0	.019
9.0 - 12.0	.007
12.0 - 16.0	.006
16.0 - 21.0	0.000
21.0 - 26.0	0.000
26.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 367  
DATE 20 JAN 1972  
TIME 19 43 21  
COUNTER NUMBER 8768

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 226.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 480.0  
SAMPLE INTERVAL (M) 1120.1  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.004
7.0 - 9.0	0.000
9.0 - 12.0	.002
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 26.0	.004
26.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 368  
DATE 20 JAN 1972  
TIME 19 43 27  
COUNTER NUMBER 8769

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 226.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 324.0  
SAMPLE INTERVAL (M) 1359.1  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.005
9.0 - 12.0	.003
12.0 - 16.0	.002
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 369  
DATE 20 JAN 1972  
TIME 19 43 31  
COUNTER NUMBER 8770

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 229.1  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 405.0  
SAMPLE INTERVAL (M) 911.2  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.004
9.0 - 12.0	.005
12.0 - 16.0	.002
16.0 - 21.0	0.000
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 370  
DATE 20 JAN 1972  
TIME 19 43 36  
COUNTER NUMBER 8771

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 229.1  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 405.0  
SAMPLE INTERVAL (M) 1145.4  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.020
7.0 - 9.0	.004
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 26.0	0.000
26.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 371  
DATE 20 JAN 1972  
TIME 19 43 41  
COUNTER NUMBER 8772

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 231.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 410.0  
SAMPLE INTERVAL (M) 1151.9  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.020
7.0 - 9.0	0.000
9.0 - 12.0	.002
12.0 - 16.0	.002
16.0 - 21.0	0.000
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 372  
DATE 20 JAN 1972  
TIME 19 43 46  
COUNTER NUMBER 8773

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 231.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 492.0  
SAMPLE INTERVAL (M) 1158.3  
NUMBER DENSITY (NO/CM\*\*3) .09  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.012
7.0 - 9.0	.003
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.006
21.0 - 28.0	.003
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 004 373  
DATE 20 JAN 1972  
TIME 19 43 52  
COUNTER NUMBER 8774

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 231.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 410.0  
SAMPLE INTERVAL (M) 1390.0  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.041
7.0 - 9.0	.011
9.0 - 12.0	.020
12.0 - 16.0	0.000
16.0 - 21.0	.003
21.0 - 28.0	.011
28.0 - 36.0	0.000
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 374  
DATE 20 JAN 1972  
TIME 19 43 57  
COUNTER NUMBER 8775

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 231.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 410.0  
SAMPLE INTERVAL (M) 1158.3  
NUMBER DENSITY (NO/CM\*\*3) .28  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.041
7.0 - 9.0	.022
9.0 - 12.0	.020
12.0 - 16.0	.005
16.0 - 21.0	.007
21.0 - 28.0	.007
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 375  
DATE 20 JAN 1972  
TIME 19 44 2  
COUNTER NUMBER 8776

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 231.7  
AMBIENT TEMPERATURE (DEG K) 208.2

SAMPLED VOLUME (CM\*\*3) 410.0  
SAMPLE INTERVAL (M) 1158.3  
NUMBER DENSITY (NO/CM\*\*3) .39  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.029
7.0 - 9.0	.015
9.0 - 12.0	.025
12.0 - 16.0	.017
16.0 - 21.0	.010
21.0 - 28.0	.011
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 376  
DATE 20 JAN 1972  
TIME 19 44 7  
COUNTER NUMBER 8777

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 231.7  
AMBIENT TEMPERATURE (DEG K) 208.3

SAMPLED VOLUME (CM\*\*3) 410.0  
SAMPLE INTERVAL (M) 1158.3  
NUMBER DENSITY (NO/CM\*\*3) .53  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.010
7.0 - 9.0	.056
9.0 - 12.0	.035
12.0 - 16.0	.019
16.0 - 21.0	.018
21.0 - 28.0	.016
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 377  
DATE 20 JAN 1972  
TIME 19 44 12  
COUNTER NUMBER 8778

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 208.3

SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1126.1  
NUMBER DENSITY (NO/CM\*\*3) .52  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.030
7.0 - 9.0	.030
9.0 - 12.0	.036
12.0 - 16.0	.015
16.0 - 21.0	.017
21.0 - 28.0	.019
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 378  
DATE 20 JAN 1972  
TIME 19 44 18  
COUNTER NUMBER 8779

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 208.4

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) .37  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.031
7.0 - 9.0	.032
9.0 - 12.0	.010
12.0 - 16.0	.016
16.0 - 21.0	.011
21.0 - 28.0	.010
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 379  
DATE 20 JAN 1972  
TIME 19 44 23  
COUNTER NUMBER 8780

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 208.4

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .16  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.008
9.0 - 12.0	.008
12.0 - 16.0	.002
16.0 - 21.0	.005
21.0 - 28.0	.002
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 380  
DATE 20 JAN 1972  
TIME 19 44 28  
COUNTER NUMBER 8781

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 208.4

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .14  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.010
7.0 - 9.0	.023
9.0 - 12.0	0.000
12.0 - 16.0	.004
16.0 - 21.0	.005
21.0 - 28.0	.003
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 381  
DATE 20 JAN 1972  
TIME 19 44 33  
COUNTER NUMBER 8782

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 208.3

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .15  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.026
7.0 - 9.0	.012
9.0 - 12.0	0.000
12.0 - 16.0	.004
16.0 - 21.0	.008
21.0 - 28.0	.004
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 382  
DATE 20 JAN 1972  
TIME 19 44 38  
COUNTER NUMBER 8783

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 208.1

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.010
7.0 - 9.0	.008
9.0 - 12.0	.003
12.0 - 16.0	0.000
16.0 - 21.0	.006
21.0 - 28.0	.003
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 383  
DATE 20 JAN 1972  
TIME 19 44 43  
COUNTER NUMBER 8784

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 208.1

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .20  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.026
7.0 - 9.0	.012
9.0 - 12.0	.013
12.0 - 16.0	.008
16.0 - 21.0	.005
21.0 - 28.0	.004
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 384  
DATE 20 JAN 1972  
TIME 19 44 48  
COUNTER NUMBER 8785

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 208.2

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.004
9.0 - 12.0	.005
12.0 - 16.0	.002
16.0 - 21.0	.005
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 385  
DATE 20 JAN 1972  
TIME 19 44 53  
COUNTER NUMBER 8786

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 208.2

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .26  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.015
7.0 - 9.0	.023
9.0 - 12.0	.010
12.0 - 16.0	.004
16.0 - 21.0	.009
21.0 - 28.0	.011
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 386  
DATE 20 JAN 1972  
TIME 19 44 58  
COUNTER NUMBER 8787

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 208.0

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .60  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.019
9.0 - 12.0	.048
12.0 - 16.0	.010
16.0 - 21.0	.040
21.0 - 28.0	.019
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 387  
DATE 20 JAN 1972  
TIME 19 45 3  
COUNTER NUMBER 8788

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 208.1

SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .36  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.004
7.0 - 9.0	.060
9.0 - 12.0	.028
12.0 - 16.0	.013
16.0 - 21.0	.011
21.0 - 28.0	.005
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 388  
DATE 20 JAN 1972  
TIME 19 45 9  
COUNTER NUMBER 8789

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 208.4

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) .15  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.019
9.0 - 12.0	.003
12.0 - 16.0	.012
16.0 - 21.0	.008
21.0 - 28.0	.002
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 389  
DATE 20 JAN 1972  
TIME 19 45 14  
COUNTER NUMBER 8790

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 207.3

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.019
9.0 - 12.0	.032
12.0 - 16.0	.002
16.0 - 21.0	.014
21.0 - 28.0	.002
28.0 - 36.0	0.000
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 390  
DATE 20 JAN 1972  
TIME 19 45 20  
COUNTER NUMBER 8791

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 208.1

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) .07  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.015
7.0 - 9.0	.015
9.0 - 12.0	.003
12.0 - 16.0	.002
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 391  
DATE 20 JAN 1972  
TIME 19 45 25  
COUNTER NUMBER 8792

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 208.1

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 392  
DATE 20 JAN 1972  
TIME 19 45 30  
COUNTER NUMBER 8793

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 208.0

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .02  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.010
7.0 - 9.0	.004
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 393  
DATE 20 JAN 1972  
TIME 20 39 31  
COUNTER NUMBER 9105

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 103.0  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 45.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 23.62  
LIQ. WATER CONTENT (GM/M\*\*3) .055

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.681
7.0 - 9.0	.900
9.0 - 12.0	.874
12.0 - 16.0	1.856
16.0 - 21.0	1.818
21.0 - 28.0	.238
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 394  
DATE 20 JAN 1972  
TIME 20 39 35  
COUNTER NUMBER 9106

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 115.8  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 48.0  
SAMPLE INTERVAL (M) 437.6  
NUMBER DENSITY (NO/CM\*\*3) 17.52  
LIQ. WATER CONTENT (GM/M\*\*3) .030

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.903
7.0 - 9.0	1.365
9.0 - 12.0	1.215
12.0 - 16.0	1.266
16.0 - 21.0	.779
21.0 - 28.0	.119
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 395  
DATE 20 JAN 1972  
TIME 20 39 37  
COUNTER NUMBER 9110

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 115.8  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 48.0  
SAMPLE INTERVAL (M) 231.7  
NUMBER DENSITY (NO/CM\*\*3) 101.69  
LIQ. WATER CONTENT (GM/M\*\*3) .167

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.986
7.0 - 9.0	5.104
9.0 - 12.0	5.924
12.0 - 16.0	9.828
16.0 - 21.0	5.608
21.0 - 28.0	.054
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 396  
DATE 20 JAN 1972  
TIME 20 39 40  
COUNTER NUMBER 9112

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 103.0  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 45.0  
SAMPLE INTERVAL (M) 328.2  
NUMBER DENSITY (NO/CM\*\*3) 61.27  
LIQ. WATER CONTENT (GM/M\*\*3) .096

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.378
7.0 - 9.0	2.944
9.0 - 12.0	4.489
12.0 - 16.0	5.294
16.0 - 21.0	2.982
21.0 - 28.0	.108
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 004 397  
DATE 20 JAN 1972  
TIME 20 39 42  
COUNTER NUMBER 9114

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 103.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 45.0  
SAMPLE INTERVAL (M) 205.9  
NUMBER DENSITY (NO/CM\*\*3) 101.27  
LIQ. WATER CONTENT (GM/M\*\*3) .159

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.044
7.0 - 9.0	4.022
9.0 - 12.0	8.889
12.0 - 16.0	9.444
16.0 - 21.0	4.373
21.0 - 28.0	.197
28.0 - 36.0	.008
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 398  
DATE 20 JAN 1972  
TIME 20 39 45  
COUNTER NUMBER 9116

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 100.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 44.0  
SAMPLE INTERVAL (M) 305.0  
NUMBER DENSITY (NO/CM\*\*3) 99.23  
LIQ. WATER CONTENT (GM/M\*\*3) .149

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.303
7.0 - 9.0	5.148
9.0 - 12.0	6.439
12.0 - 16.0	10.597
16.0 - 21.0	4.045
21.0 - 28.0	.068
28.0 - 36.0	.009
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 399  
DATE 20 JAN 1972  
TIME 20 39 48  
COUNTER NUMBER 9119

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 97.8  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 43.0  
SAMPLE INTERVAL (M) 297.3  
NUMBER DENSITY (NO/CM\*\*3) 103.86  
LIQ. WATER CONTENT (GM/M\*\*3) .109

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.450
7.0 - 9.0	7.919
9.0 - 12.0	12.930
12.0 - 16.0	8.645
16.0 - 21.0	1.553
21.0 - 28.0	.020
28.0 - 36.0	.009
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 400  
DATE 20 JAN 1972  
TIME 20 39 50  
COUNTER NUMBER 9121

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 97.8  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 43.0  
SAMPLE INTERVAL (M) 195.6  
NUMBER DENSITY (NO/CM\*\*3) 39.56  
LIQ. WATER CONTENT (GM/M\*\*3) .021

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.310
7.0 - 9.0	7.081
9.0 - 12.0	5.062
12.0 - 16.0	.831
16.0 - 21.0	.084
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 401  
DATE 20 JAN 1972  
TIME 20 39 53  
COUNTER NUMBER 9123

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 95.2  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 42.0  
SAMPLE INTERVAL (M) 289.6  
NUMBER DENSITY (NO/CM\*\*3) 39.21  
LIQ. WATER CONTENT (GM/M\*\*3) .021

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.683
7.0 - 9.0	6.690
9.0 - 12.0	3.714
12.0 - 16.0	1.042
16.0 - 21.0	.086
21.0 - 28.0	.010
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 402  
DATE 20 JAN 1972  
TIME 20 39 55  
COUNTER NUMBER 9125

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 95.2  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 42.0  
SAMPLE INTERVAL (M) 190.5  
NUMBER DENSITY (NO/CM\*\*3) 10.60  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.175
7.0 - 9.0	1.071
9.0 - 12.0	1.238
12.0 - 16.0	.315
16.0 - 21.0	.029
21.0 - 28.0	0.000
28.0 - 36.0	.009
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 403  
DATE 20 JAN 1972  
TIME 20 39 57  
COUNTER NUMBER 9127

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 95.2  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 42.0  
SAMPLE INTERVAL (M) 190.5  
NUMBER DENSITY (NO/CM\*\*3) 2.43  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.381
7.0 - 9.0	.143
9.0 - 12.0	.024
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 004 404  
DATE 20 JAN 1972  
TIME 20 40 0  
COUNTER NUMBER 9129

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 97.8  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 43.0  
SAMPLE INTERVAL (M) 289.6  
NUMBER DENSITY (NO/CM\*\*3) .21  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.047
7.0 - 9.0	0.000
9.0 - 12.0	.047
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 0  
DATE 0 JAN 1972  
TIME 0 0 0  
COUNTER NUMBER 0

AIRCRAFT ALTITUDE (KM) 0.0  
AIRCRAFT VELOCITY (M/S) 0.0  
AMBIENT TEMPERATURE (DEG K) 0.0  
  
SAMPLED VOLUME (CM\*\*3) 0.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 0.00  
LIQ. WATER CONTENT (GM/M\*\*3) 0.000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000



## FLIGHT 5

FLIGHT NUMBER 005 1  
DATE 21 JAN 1972  
TIME 15 30 35  
COUNTER NUMBER 9266

AIRCRAFT ALTITUDE (KM) 11.0  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 230.6

SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .07  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .000  
7.0 - 9.0 .007  
9.0 - 12.0 .011  
12.0 - 16.0 .003  
16.0 - 21.0 .003  
21.0 - 28.0 0.000  
28.0 - 36.0 0.000  
36.0 - 47.0 0.000  
47.0 - 62.0 0.000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 005 2  
DATE 21 JAN 1972  
TIME 15 30 40  
COUNTER NUMBER 9267

AIRCRAFT ALTITUDE (KM) 11.0  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 230.5

SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .005  
7.0 - 9.0 0.000  
9.0 - 12.0 0.000  
12.0 - 16.0 0.000  
16.0 - 21.0 .003  
21.0 - 28.0 0.000  
28.0 - 36.0 .001  
36.0 - 47.0 0.000  
47.0 - 62.0 0.000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 005 3  
DATE 21 JAN 1972  
TIME 15 30 45  
COUNTER NUMBER 9268

AIRCRAFT ALTITUDE (KM) 11.0  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 230.5

SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .005  
7.0 - 9.0 .003  
9.0 - 12.0 .002  
12.0 - 16.0 .002  
16.0 - 21.0 .003  
21.0 - 28.0 0.000  
28.0 - 36.0 .001  
36.0 - 47.0 0.000  
47.0 - 62.0 0.000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 005 4  
DATE 21 JAN 1972  
TIME 15 30 50  
COUNTER NUMBER 9269

AIRCRAFT ALTITUDE (KM) 11.0  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 230.4

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1254.8  
NUMBER DENSITY (NO/CM\*\*3) .02  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .005  
7.0 - 9.0 0.000  
9.0 - 12.0 0.000  
12.0 - 16.0 .002  
16.0 - 21.0 0.000  
21.0 - 28.0 0.000  
28.0 - 36.0 0.000  
36.0 - 47.0 .001  
47.0 - 62.0 0.000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 005 5  
DATE 21 JAN 1972  
TIME 15 30 55  
COUNTER NUMBER 9270

AIRCRAFT ALTITUDE (KM) 11.0  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 230.3

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .11  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 0.000  
7.0 - 9.0 .003  
9.0 - 12.0 .005  
12.0 - 16.0 .007  
16.0 - 21.0 .004  
21.0 - 28.0 .002  
28.0 - 36.0 .003  
36.0 - 47.0 0.000  
47.0 - 62.0 0.000  
62.0 - 82.0 .000  
82.0 - 108.0 0.000

FLIGHT NUMBER 005 6  
DATE 21 JAN 1972  
TIME 15 31 0  
COUNTER NUMBER 9271

AIRCRAFT ALTITUDE (KM) 11.0  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 230.2

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .15  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .014  
7.0 - 9.0 .003  
9.0 - 12.0 .016  
12.0 - 16.0 .005  
16.0 - 21.0 0.000  
21.0 - 28.0 .006  
28.0 - 36.0 .001  
36.0 - 47.0 0.000  
47.0 - 62.0 .000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 005 7  
DATE 21 JAN 1972  
TIME 15 31 5  
COUNTER NUMBER 9272

AIRCRAFT ALTITUDE (KM) 11.0  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 231.1

SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .25  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .015  
7.0 - 9.0 .004  
9.0 - 12.0 .008  
12.0 - 16.0 .015  
16.0 - 21.0 .011  
21.0 - 28.0 .006  
28.0 - 36.0 .001  
36.0 - 47.0 .002  
47.0 - 62.0 .000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 005 8  
DATE 21 JAN 1972  
TIME 15 31 11  
COUNTER NUMBER 9273

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 231.1

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1498.1  
NUMBER DENSITY (NO/CM\*\*3) .38  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 0.000  
7.0 - 9.0 .029  
9.0 - 12.0 .028  
12.0 - 16.0 .002  
16.0 - 21.0 .018  
21.0 - 28.0 .016  
28.0 - 36.0 .003  
36.0 - 47.0 0.000  
47.0 - 62.0 0.000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 005 9  
DATE 21 JAN 1972  
TIME 15 31 16  
COUNTER NUMBER 9274

AIRCRAFT ALTITUDE (KM) 11.0  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 230.0

SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .33  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .032  
7.0 - 9.0 .024  
9.0 - 12.0 .010  
12.0 - 16.0 .012  
16.0 - 21.0 .013  
21.0 - 28.0 .007  
28.0 - 36.0 .004  
36.0 - 47.0 0.000  
47.0 - 62.0 .001  
62.0 - 82.0 .000  
82.0 - 108.0 0.000

FLIGHT NUMBER 005 10  
DATE 21 JAN 1972  
TIME 15 31 22  
COUNTER NUMBER 9275

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.9

SAMPLED VOLUME (CM\*\*3) 348.0  
SAMPLE INTERVAL (M) 1498.1  
NUMBER DENSITY (NO/CM\*\*3) .28  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .011  
7.0 - 9.0 .036  
9.0 - 12.0 .003  
12.0 - 16.0 .009  
16.0 - 21.0 .012  
21.0 - 28.0 .009  
28.0 - 36.0 .003  
36.0 - 47.0 0.000  
47.0 - 62.0 0.000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 005 11  
DATE 21 JAN 1972  
TIME 15 31 26  
COUNTER NUMBER 9276

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.9

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 998.7  
NUMBER DENSITY (NO/CM\*\*3) .22  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .018  
7.0 - 9.0 .017  
9.0 - 12.0 0.000  
12.0 - 16.0 .007  
16.0 - 21.0 .008  
21.0 - 28.0 .009  
28.0 - 36.0 .002  
36.0 - 47.0 .001  
47.0 - 62.0 .000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 005 12  
DATE 21 JAN 1972  
TIME 15 31 31  
COUNTER NUMBER 9277

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.8

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .28  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .014  
7.0 - 9.0 .007  
9.0 - 12.0 .009  
12.0 - 16.0 .021  
16.0 - 21.0 .007  
21.0 - 28.0 .007  
28.0 - 36.0 .004  
36.0 - 47.0 .001  
47.0 - 62.0 0.000  
62.0 - 82.0 0.000  
82.0 - 108.0 .000

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FLIGHT NUMBER 005 13  
DATE 21 JAN 1972  
TIME 15 31 36  
COUNTER NUMBER 9278  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.7  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .28  
LIQ. WATER CONTENT (GM/M\*\*3) .002  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.024
9.0 - 12.0	.026
12.0 - 16.0	.005
16.0 - 21.0	.011
21.0 - 28.0	.005
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 14  
DATE 21 JAN 1972  
TIME 15 31 41  
COUNTER NUMBER 9279  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.7  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .57  
LIQ. WATER CONTENT (GM/M\*\*3) .007  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	.057
9.0 - 12.0	.019
12.0 - 16.0	.023
16.0 - 21.0	.030
21.0 - 28.0	.009
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	.000
82.0 - 108.0	.000

FLIGHT NUMBER 005 15  
DATE 21 JAN 1972  
TIME 15 31 46  
COUNTER NUMBER 9280  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.6  
  
SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .49  
LIQ. WATER CONTENT (GM/M\*\*3) .002  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.011
7.0 - 9.0	.033
9.0 - 12.0	.020
12.0 - 16.0	.028
16.0 - 21.0	.019
21.0 - 28.0	.015
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 16  
DATE 21 JAN 1972  
TIME 15 31 52  
COUNTER NUMBER 9281  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.6  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1498.1  
NUMBER DENSITY (NO/CM\*\*3) .57  
LIQ. WATER CONTENT (GM/M\*\*3) .003  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.032
7.0 - 9.0	.032
9.0 - 12.0	.014
12.0 - 16.0	.029
16.0 - 21.0	.024
21.0 - 28.0	.017
28.0 - 36.0	.003
36.0 - 47.0	.002
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 17  
DATE 21 JAN 1972  
TIME 15 31 57  
COUNTER NUMBER 9282  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.6  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .38  
LIQ. WATER CONTENT (GM/M\*\*3) .003  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.032
9.0 - 12.0	.016
12.0 - 16.0	.010
16.0 - 21.0	.016
21.0 - 28.0	.014
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 18  
DATE 21 JAN 1972  
TIME 15 32 2  
COUNTER NUMBER 9283  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.6  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .35  
LIQ. WATER CONTENT (GM/M\*\*3) .001  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.043
7.0 - 9.0	.017
9.0 - 12.0	.019
12.0 - 16.0	.021
16.0 - 21.0	.011
21.0 - 28.0	.006
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 19  
DATE 21 JAN 1972  
TIME 15 32 7  
COUNTER NUMBER 9284  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.6  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .46  
LIQ. WATER CONTENT (GM/M\*\*3) .002  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.038
7.0 - 9.0	.017
9.0 - 12.0	.016
12.0 - 16.0	.020
16.0 - 21.0	.023
21.0 - 28.0	.011
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000
GREATER THAN 108	0.000 *UM

FLIGHT NUMBER 005 20  
DATE 21 JAN 1972  
TIME 15 32 12  
COUNTER NUMBER 9285  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.6  
  
SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .52  
LIQ. WATER CONTENT (GM/M\*\*3) .004  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.040
7.0 - 9.0	.033
9.0 - 12.0	.027
12.0 - 16.0	.018
16.0 - 21.0	.015
21.0 - 28.0	.008
28.0 - 36.0	.011
36.0 - 47.0	.002
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000
GREATER THAN 108	0.000 *UM

FLIGHT NUMBER 005 21  
DATE 21 JAN 1972  
TIME 15 32 18  
COUNTER NUMBER 9286  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.7  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1498.1  
NUMBER DENSITY (NO/CM\*\*3) .54  
LIQ. WATER CONTENT (GM/M\*\*3) .003  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.048
7.0 - 9.0	.043
9.0 - 12.0	.014
12.0 - 16.0	.029
16.0 - 21.0	.013
21.0 - 28.0	.010
28.0 - 36.0	.009
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000
GREATER THAN 108	.007 *UM

FLIGHT NUMBER 005 22  
DATE 21 JAN 1972  
TIME 15 32 23  
COUNTER NUMBER 9287  
  
AIRCRAFT ALTITUDE (KM) 11.0  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.7  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .73  
LIQ. WATER CONTENT (GM/M\*\*3) .007  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.066
7.0 - 9.0	.046
9.0 - 12.0	0.000
12.0 - 16.0	.034
16.0 - 21.0	.039
21.0 - 28.0	.019
28.0 - 36.0	.006
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	.000
GREATER THAN 108	.007 *UM

FLIGHT NUMBER 005 23  
DATE 21 JAN 1972  
TIME 15 32 28  
COUNTER NUMBER 9288  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.7  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .71  
LIQ. WATER CONTENT (GM/M\*\*3) .006  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.066
7.0 - 9.0	.021
9.0 - 12.0	.033
12.0 - 16.0	.021
16.0 - 21.0	.023
21.0 - 28.0	.027
28.0 - 36.0	.006
36.0 - 47.0	.001
47.0 - 62.0	.001
62.0 - 82.0	.000
82.0 - 108.0	0.000
GREATER THAN 108	0.000 *UM

FLIGHT NUMBER 005 24  
DATE 21 JAN 1972  
TIME 15 32 33  
COUNTER NUMBER 9289  
  
AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.7  
  
SAMPLED VOLUME (CM\*\*3) 348.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .64  
LIQ. WATER CONTENT (GM/M\*\*3) .005  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.034
7.0 - 9.0	.045
9.0 - 12.0	.044
12.0 - 16.0	.015
16.0 - 21.0	.023
21.0 - 28.0	.016
28.0 - 36.0	.003
36.0 - 47.0	.002
47.0 - 62.0	.002
62.0 - 82.0	0.000
82.0 - 108.0	0.000
GREATER THAN 108	0.000 *UM

FLIGHT NUMBER 005 25  
DATE 21 JAN 1972  
TIME 15 32 37  
COUNTER NUMBER 9290

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.7  
  
SAMPLED VOLUME (CM\*\*3) 609.0  
SAMPLE INTERVAL (M) 998.7  
NUMBER DENSITY (NO/CM\*\*3) .27  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	.007
9.0 - 12.0	.010
12.0 - 16.0	.014
16.0 - 21.0	.008
21.0 - 28.0	.007
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 26  
DATE 21 JAN 1972  
TIME 15 32 44  
COUNTER NUMBER 9291

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.7  
  
SAMPLED VOLUME (CM\*\*3) 348.0  
SAMPLE INTERVAL (M) 1747.7  
NUMBER DENSITY (NO/CM\*\*3) .44  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.011
7.0 - 9.0	.036
9.0 - 12.0	.035
12.0 - 16.0	.011
16.0 - 21.0	.012
21.0 - 28.0	.010
28.0 - 36.0	.009
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 27  
DATE 21 JAN 1972  
TIME 15 32 48  
COUNTER NUMBER 9292

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.7  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 998.7  
NUMBER DENSITY (NO/CM\*\*3) .34  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.029
9.0 - 12.0	.028
12.0 - 16.0	.012
16.0 - 21.0	.008
21.0 - 28.0	.011
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 28  
DATE 21 JAN 1972  
TIME 15 32 53  
COUNTER NUMBER 9293

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.8  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .27  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.028
7.0 - 9.0	.021
9.0 - 12.0	.005
12.0 - 16.0	.010
16.0 - 21.0	.010
21.0 - 28.0	.004
28.0 - 36.0	.005
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 29  
DATE 21 JAN 1972  
TIME 15 32 58  
COUNTER NUMBER 9294

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.8  
  
SAMPLED VOLUME (CM\*\*3) 348.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .31  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.029
7.0 - 9.0	.017
9.0 - 12.0	.006
12.0 - 16.0	.006
16.0 - 21.0	.009
21.0 - 28.0	.015
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 30  
DATE 21 JAN 1972  
TIME 15 33 2  
COUNTER NUMBER 9295

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.8  
  
SAMPLED VOLUME (CM\*\*3) 609.0  
SAMPLE INTERVAL (M) 998.7  
NUMBER DENSITY (NO/CM\*\*3) .12  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.010
7.0 - 9.0	0.000
9.0 - 12.0	.014
12.0 - 16.0	.004
16.0 - 21.0	0.000
21.0 - 28.0	.007
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 31  
DATE 21 JAN 1972  
TIME 15 33 9  
COUNTER NUMBER 9296

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.8  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1747.7  
NUMBER DENSITY (NO/CM\*\*3) .15  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.018
7.0 - 9.0	.003
9.0 - 12.0	.007
12.0 - 16.0	.009
16.0 - 21.0	.004
21.0 - 28.0	.002
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 32  
DATE 21 JAN 1972  
TIME 15 33 14  
COUNTER NUMBER 9297

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.9  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .13  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	.010
9.0 - 12.0	.005
12.0 - 16.0	0.000
16.0 - 21.0	.003
21.0 - 28.0	.005
28.0 - 36.0	0.000
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 33  
DATE 21 JAN 1972  
TIME 17 13 22  
COUNTER NUMBER 9618

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .08  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.003
9.0 - 12.0	.002
12.0 - 16.0	.005
16.0 - 21.0	.001
21.0 - 28.0	.003
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 34  
DATE 21 JAN 1972  
TIME 17 13 27  
COUNTER NUMBER 9619

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .13  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.024
9.0 - 12.0	.002
12.0 - 16.0	.005
16.0 - 21.0	.006
21.0 - 28.0	.003
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 35  
DATE 21 JAN 1972  
TIME 17 13 32  
COUNTER NUMBER 9620

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .08  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.010
9.0 - 12.0	.002
12.0 - 16.0	0.000
16.0 - 21.0	.003
21.0 - 28.0	.005
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 36  
DATE 21 JAN 1972  
TIME 17 13 37  
COUNTER NUMBER 9621

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .15  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	.016
12.0 - 16.0	.005
16.0 - 21.0	.007
21.0 - 28.0	.002
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 37  
DATE 21 JAN 1972  
TIME 17 13 42  
COUNTER NUMBER 9622

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .39  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.048
7.0 - 9.0	.036
9.0 - 12.0	.007
12.0 - 16.0	.020
16.0 - 21.0	.012
21.0 - 28.0	.005
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 38  
DATE 21 JAN 1972  
TIME 17 13 47  
COUNTER NUMBER 9623

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 516.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .16  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.016
7.0 - 9.0	.012
9.0 - 12.0	.006
12.0 - 16.0	.009
16.0 - 21.0	.007
21.0 - 28.0	.002
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 39  
DATE 21 JAN 1972  
TIME 17 13 53  
COUNTER NUMBER 9624

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .14  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.019
7.0 - 9.0	0.000
9.0 - 12.0	.002
12.0 - 16.0	.009
16.0 - 21.0	.004
21.0 - 28.0	.004
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 40  
DATE 21 JAN 1972  
TIME 17 13 58  
COUNTER NUMBER 9625

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .19  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.029
9.0 - 12.0	.007
12.0 - 16.0	.016
16.0 - 21.0	.003
21.0 - 28.0	.002
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 41  
DATE 21 JAN 1972  
TIME 17 14 3  
COUNTER NUMBER 9626

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .17  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.010
9.0 - 12.0	0.000
12.0 - 16.0	.005
16.0 - 21.0	.016
21.0 - 28.0	.003
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 42  
DATE 21 JAN 1972  
TIME 17 14 8  
COUNTER NUMBER 9627

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 516.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .14  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.012
7.0 - 9.0	.006
9.0 - 12.0	.002
12.0 - 16.0	.001
16.0 - 21.0	.011
21.0 - 28.0	.005
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 43  
DATE 21 JAN 1972  
TIME 17 14 14  
COUNTER NUMBER 9628

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1467.2  
NUMBER DENSITY (NO/CM\*\*3) .17  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.028
7.0 - 9.0	0.000
9.0 - 12.0	.002
12.0 - 16.0	.010
16.0 - 21.0	.003
21.0 - 28.0	.007
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 44  
DATE 21 JAN 1972  
TIME 17 14 19  
COUNTER NUMBER 9629

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.014
9.0 - 12.0	.002
12.0 - 16.0	.005
16.0 - 21.0	.004
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 45  
DATE 21 JAN 1972  
TIME 17 14 24  
COUNTER NUMBER 9630

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.019
7.0 - 9.0	.003
9.0 - 12.0	0.000
12.0 - 16.0	.007
16.0 - 21.0	.006
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 46  
DATE 21 JAN 1972  
TIME 17 14 29  
COUNTER NUMBER 9631

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .15  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.019
7.0 - 9.0	.010
9.0 - 12.0	.005
12.0 - 16.0	.005
16.0 - 21.0	.003
21.0 - 28.0	.005
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 47  
DATE 21 JAN 1972  
TIME 17 14 34  
COUNTER NUMBER 9632

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .09  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.007
9.0 - 12.0	.005
12.0 - 16.0	.005
16.0 - 21.0	.001
21.0 - 28.0	0.000
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 48  
DATE 21 JAN 1972  
TIME 17 14 39  
COUNTER NUMBER 9633

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 516.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .09  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.004
7.0 - 9.0	.003
9.0 - 12.0	.002
12.0 - 16.0	.007
16.0 - 21.0	.006
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 49  
DATE 21 JAN 1972  
TIME 17 14 45  
COUNTER NUMBER 9634

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1467.2  
NUMBER DENSITY (NO/CM\*\*3) .08  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.007
9.0 - 12.0	.005
12.0 - 16.0	.005
16.0 - 21.0	.003
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 50  
DATE 21 JAN 1972  
TIME 17 14 50  
COUNTER NUMBER 9635

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.009
16.0 - 21.0	.001
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 51  
DATE 21 JAN 1972  
TIME 17 14 55  
COUNTER NUMBER 9636

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .09  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.019
7.0 - 9.0	.007
9.0 - 12.0	.002
12.0 - 16.0	0.000
16.0 - 21.0	.004
21.0 - 28.0	.003
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 52  
DATE 21 JAN 1972  
TIME 17 15 0  
COUNTER NUMBER 9637

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.003
9.0 - 12.0	0.000
12.0 - 16.0	.002
16.0 - 21.0	.001
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 53  
DATE 21 JAN 1972  
TIME 17 49 58  
COUNTER NUMBER 9644

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 225.5  
  
SAMPLED VOLUME (CM\*\*3) 516.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .16  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.008
7.0 - 9.0	.003
9.0 - 12.0	.008
12.0 - 16.0	.007
16.0 - 21.0	.003
21.0 - 28.0	.008
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 54  
DATE 21 JAN 1972  
TIME 17 50 4  
COUNTER NUMBER 9645

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 225.5  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1467.2  
NUMBER DENSITY (NO/CM\*\*3) .22  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.019
7.0 - 9.0	.010
9.0 - 12.0	.007
12.0 - 16.0	.015
16.0 - 21.0	.003
21.0 - 28.0	.005
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 55  
DATE 21 JAN 1972  
TIME 17 50 9  
COUNTER NUMBER 9646

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 225.5  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .34  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.043
7.0 - 9.0	.010
9.0 - 12.0	.005
12.0 - 16.0	.012
16.0 - 21.0	.013
21.0 - 28.0	.007
28.0 - 36.0	.005
36.0 - 47.0	.002
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 56  
DATE 21 JAN 1972  
TIME 17 50 14  
COUNTER NUMBER 9647

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 225.5  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) 1.17  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.087
7.0 - 9.0	.014
9.0 - 12.0	.033
12.0 - 16.0	.060
16.0 - 21.0	.045
21.0 - 28.0	.033
28.0 - 36.0	.019
36.0 - 47.0	.003
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 57  
DATE 21 JAN 1972  
TIME 17 50 19  
COUNTER NUMBER 9648

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4  
  
SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1229.1  
NUMBER DENSITY (NO/CM\*\*3) .63  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.011
7.0 - 9.0	.035
9.0 - 12.0	.026
12.0 - 16.0	.040
16.0 - 21.0	.012
21.0 - 28.0	.015
28.0 - 36.0	.012
36.0 - 47.0	.002
47.0 - 62.0	.001
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 58  
DATE 21 JAN 1972  
TIME 17 50 25  
COUNTER NUMBER 9649

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4  
  
SAMPLED VOLUME (CM\*\*3) 348.0  
SAMPLE INTERVAL (M) 1482.6  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	.017
9.0 - 12.0	.011
12.0 - 16.0	.006
16.0 - 21.0	.003
21.0 - 28.0	.007
28.0 - 36.0	.002
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 59  
DATE 21 JAN 1972  
TIME 17 50 29  
COUNTER NUMBER 9650

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4  
  
SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 988.4  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.004
7.0 - 9.0	.006
9.0 - 12.0	.004
12.0 - 16.0	.004
16.0 - 21.0	.002
21.0 - 28.0	0.000
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 60  
DATE 21 JAN 1972  
TIME 17 50 35  
COUNTER NUMBER 9651

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1482.6  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.003
9.0 - 12.0	0.000
12.0 - 16.0	.002
16.0 - 21.0	.001
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 005 61  
DATE 21 JAN 1972  
TIME 17 50 40  
COUNTER NUMBER 9652

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	0.000
9.0 - 12.0	.002
12.0 - 16.0	.007
16.0 - 21.0	.008
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 62  
DATE 21 JAN 1972  
TIME 17 50 45  
COUNTER NUMBER 9653

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.3

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .41  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	0.000
9.0 - 12.0	.016
12.0 - 16.0	.020
16.0 - 21.0	.014
21.0 - 28.0	.016
28.0 - 36.0	.001
36.0 - 47.0	.004
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 63  
DATE 21 JAN 1972  
TIME 17 50 50  
COUNTER NUMBER 9654

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.3

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	0.000
9.0 - 12.0	.002
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 64  
DATE 21 JAN 1972  
TIME 17 50 55  
COUNTER NUMBER 9655

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.3

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .12  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.017
9.0 - 12.0	.007
12.0 - 16.0	.009
16.0 - 21.0	.001
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 65  
DATE 21 JAN 1972  
TIME 17 51 0  
COUNTER NUMBER 9656

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.3

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .08  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.007
9.0 - 12.0	.007
12.0 - 16.0	.003
16.0 - 21.0	.003
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 66  
DATE 21 JAN 1972  
TIME 17 54 37  
COUNTER NUMBER 9664

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .56  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.038
7.0 - 9.0	.007
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.023
21.0 - 28.0	.015
28.0 - 36.0	.026
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 67  
DATE 21 JAN 1972  
TIME 17 54 42  
COUNTER NUMBER 9665

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .08  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.003
9.0 - 12.0	.005
12.0 - 16.0	.002
16.0 - 21.0	.001
21.0 - 28.0	.003
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 68  
DATE 21 JAN 1972  
TIME 17 54 47  
COUNTER NUMBER 9666

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .14  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.007
9.0 - 12.0	.005
12.0 - 16.0	.005
16.0 - 21.0	.001
21.0 - 28.0	.005
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 69  
DATE 21 JAN 1972  
TIME 17 54 52  
COUNTER NUMBER 9667

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.007
9.0 - 12.0	.007
12.0 - 16.0	.003
16.0 - 21.0	.003
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 70  
DATE 21 JAN 1972  
TIME 17 54 57  
COUNTER NUMBER 9668

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.003
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.006
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 71  
DATE 21 JAN 1972  
TIME 17 55 2  
COUNTER NUMBER 9669

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4

SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.008
7.0 - 9.0	.006
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.003
21.0 - 28.0	.002
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 72  
DATE 21 JAN 1972  
TIME 17 55 8  
COUNTER NUMBER 9670

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.3

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1482.6  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	0.000
9.0 - 12.0	.002
12.0 - 16.0	.003
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 73  
DATE 21 JAN 1972  
TIME 17 55 13  
COUNTER NUMBER 9671

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.3  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.007
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 74  
DATE 21 JAN 1972  
TIME 17 55 18  
COUNTER NUMBER 9672

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.007
9.0 - 12.0	0.000
12.0 - 16.0	.002
16.0 - 21.0	.001
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 75  
DATE 21 JAN 1972  
TIME 17 56 5  
COUNTER NUMBER 9673

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 11613.9  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.003
9.0 - 12.0	.002
12.0 - 16.0	.003
16.0 - 21.0	.003
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 76  
DATE 21 JAN 1972  
TIME 17 56 10  
COUNTER NUMBER 9674

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .02  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 77  
DATE 21 JAN 1972  
TIME 17 56 15  
COUNTER NUMBER 9675

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.003
9.0 - 12.0	0.000
12.0 - 16.0	.002
16.0 - 21.0	.001
21.0 - 28.0	0.000
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 78  
DATE 21 JAN 1972  
TIME 17 56 20  
COUNTER NUMBER 9676

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.007
9.0 - 12.0	.005
12.0 - 16.0	.002
16.0 - 21.0	0.000
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 79  
DATE 21 JAN 1972  
TIME 17 56 25  
COUNTER NUMBER 9677

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .18  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.032
7.0 - 9.0	.007
9.0 - 12.0	.009
12.0 - 16.0	.009
16.0 - 21.0	.001
21.0 - 28.0	.006
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 80  
DATE 21 JAN 1972  
TIME 17 56 30  
COUNTER NUMBER 9678

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .15  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.018
7.0 - 9.0	.007
9.0 - 12.0	.005
12.0 - 16.0	.002
16.0 - 21.0	.008
21.0 - 28.0	.003
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 81  
DATE 21 JAN 1972  
TIME 17 56 35  
COUNTER NUMBER 9679

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.003
9.0 - 12.0	.011
12.0 - 16.0	.002
16.0 - 21.0	.004
21.0 - 28.0	.003
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 82  
DATE 21 JAN 1972  
TIME 17 56 40  
COUNTER NUMBER 9680

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .12  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.014
9.0 - 12.0	.005
12.0 - 16.0	.002
16.0 - 21.0	.006
21.0 - 28.0	.003
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 83  
DATE 21 JAN 1972  
TIME 17 56 45  
COUNTER NUMBER 9681

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4  
  
SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.004
7.0 - 9.0	.009
9.0 - 12.0	.002
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.002
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 84  
DATE 21 JAN 1972  
TIME 17 56 51  
COUNTER NUMBER 9682

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 225.4  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1482.6  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

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FLIGHT NUMBER	005	85	FLIGHT NUMBER	005	86	FLIGHT NUMBER	005	87
DATE 21 JAN 1972			DATE 21 JAN 1972			DATE 21 JAN 1972		
TIME 17 56 56			TIME 17 57 1			TIME 17 57 6		
COUNTER NUMBER 9683			COUNTER NUMBER 9684			COUNTER NUMBER 9685		
AIRCRAFT ALTITUDE (KM)	12.2		AIRCRAFT ALTITUDE (KM)	12.2		AIRCRAFT ALTITUDE (KM)	12.2	
AIRCRAFT VELOCITY (M/S)	247.1		AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5	
AMBIENT TEMPERATURE (DEG K)	225.5		AMBIENT TEMPERATURE (DEG K)	225.5		AMBIENT TEMPERATURE (DEG K)	225.5	
SAMPLED VOLUME (CM**3)	435.0		SAMPLED VOLUME (CM**3)	430.0		SAMPLED VOLUME (CM**3)	516.0	
SAMPLE INTERVAL (M)	1235.5		SAMPLE INTERVAL (M)	1229.1		SAMPLE INTERVAL (M)	1222.6	
NUMBER DENSITY (NO/CM**3)	.04		NUMBER DENSITY (NO/CM**3)	.05		NUMBER DENSITY (NO/CM**3)	.02	
LIG. WATER CONTENT (GM/M**3)	.000		LIG. WATER CONTENT (GM/M**3)	.002		LIG. WATER CONTENT (GM/M**3)	.000	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.009		5.5 - 7.0	.005		5.5 - 7.0	.004	
7.0 - 9.0	.003		7.0 - 9.0	.007		7.0 - 9.0	0.000	
9.0 - 12.0	.002		9.0 - 12.0	0.000		9.0 - 12.0	0.000	
12.0 - 16.0	.003		12.0 - 16.0	.002		12.0 - 16.0	0.000	
16.0 - 21.0	0.000		16.0 - 21.0	.001		16.0 - 21.0	0.000	
21.0 - 28.0	0.000		21.0 - 28.0	0.000		21.0 - 28.0	.001	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	.001	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	005	88	FLIGHT NUMBER	005	89	FLIGHT NUMBER	005	90
DATE 21 JAN 1972			DATE 21 JAN 1972			DATE 21 JAN 1972		
TIME 17 57 12			TIME 17 57 17			TIME 17 57 22		
COUNTER NUMBER 9686			COUNTER NUMBER 9687			COUNTER NUMBER 9688		
AIRCRAFT ALTITUDE (KM)	12.2		AIRCRAFT ALTITUDE (KM)	12.2		AIRCRAFT ALTITUDE (KM)	12.2	
AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5	
AMBIENT TEMPERATURE (DEG K)	225.5		AMBIENT TEMPERATURE (DEG K)	225.4		AMBIENT TEMPERATURE (DEG K)	225.4	
SAMPLED VOLUME (CM**3)	430.0		SAMPLED VOLUME (CM**3)	430.0		SAMPLED VOLUME (CM**3)	430.0	
SAMPLE INTERVAL (M)	1467.2		SAMPLE INTERVAL (M)	1222.6		SAMPLE INTERVAL (M)	1222.6	
NUMBER DENSITY (NO/CM**3)	.14		NUMBER DENSITY (NO/CM**3)	.06		NUMBER DENSITY (NO/CM**3)	.02	
LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.000		LIG. WATER CONTENT (GM/M**3)	.000	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.023		5.5 - 7.0	.014		5.5 - 7.0	.014	
7.0 - 9.0	.014		7.0 - 9.0	0.000		7.0 - 9.0	0.000	
9.0 - 12.0	.005		9.0 - 12.0	.005		9.0 - 12.0	0.000	
12.0 - 16.0	.005		12.0 - 16.0	0.000		12.0 - 16.0	0.000	
16.0 - 21.0	.004		16.0 - 21.0	.003		16.0 - 21.0	0.000	
21.0 - 28.0	.001		21.0 - 28.0	0.000		21.0 - 28.0	0.000	
28.0 - 36.0	0.000		28.0 - 36.0	.001		28.0 - 36.0	0.000	
36.0 - 47.0	.001		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	005	91	FLIGHT NUMBER	005	92	FLIGHT NUMBER	005	93
DATE 21 JAN 1972			DATE 21 JAN 1972			DATE 21 JAN 1972		
TIME 18 5 0			TIME 18 5 6			TIME 18 5 11		
COUNTER NUMBER 9720			COUNTER NUMBER 9721			COUNTER NUMBER 9722		
AIRCRAFT ALTITUDE (KM)	11.6		AIRCRAFT ALTITUDE (KM)	11.6		AIRCRAFT ALTITUDE (KM)	11.6	
AIRCRAFT VELOCITY (M/S)	252.3		AIRCRAFT VELOCITY (M/S)	252.3		AIRCRAFT VELOCITY (M/S)	252.3	
AMBIENT TEMPERATURE (DEG K)	226.2		AMBIENT TEMPERATURE (DEG K)	228.0		AMBIENT TEMPERATURE (DEG K)	228.2	
SAMPLED VOLUME (CM**3)	528.0		SAMPLED VOLUME (CM**3)	440.0		SAMPLED VOLUME (CM**3)	528.0	
SAMPLE INTERVAL (M)	0.0		SAMPLE INTERVAL (M)	1513.5		SAMPLE INTERVAL (M)	1261.3	
NUMBER DENSITY (NO/CM**3)	.03		NUMBER DENSITY (NO/CM**3)	.04		NUMBER DENSITY (NO/CM**3)	.02	
LIG. WATER CONTENT (GM/M**3)	.000		LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.000	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.008		5.5 - 7.0	.005		5.5 - 7.0	0.000	
7.0 - 9.0	0.000		7.0 - 9.0	.007		7.0 - 9.0	0.000	
9.0 - 12.0	0.000		9.0 - 12.0	0.000		9.0 - 12.0	.002	
12.0 - 16.0	.003		12.0 - 16.0	.002		12.0 - 16.0	0.000	
16.0 - 21.0	0.000		16.0 - 21.0	.001		16.0 - 21.0	.001	
21.0 - 28.0	.001		21.0 - 28.0	0.000		21.0 - 28.0	0.000	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	.001	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	005	94	FLIGHT NUMBER	005	95	FLIGHT NUMBER	005	96
DATE 21 JAN 1972			DATE 21 JAN 1972			DATE 21 JAN 1972		
TIME 18 5 17			TIME 18 5 22			TIME 18 5 27		
COUNTER NUMBER 9723			COUNTER NUMBER 9724			COUNTER NUMBER 9725		
AIRCRAFT ALTITUDE (KM)	11.6		AIRCRAFT ALTITUDE (KM)	11.6		AIRCRAFT ALTITUDE (KM)	11.6	
AIRCRAFT VELOCITY (M/S)	252.3		AIRCRAFT VELOCITY (M/S)	252.3		AIRCRAFT VELOCITY (M/S)	252.3	
AMBIENT TEMPERATURE (DEG K)	228.4		AMBIENT TEMPERATURE (DEG K)	228.5		AMBIENT TEMPERATURE (DEG K)	228.7	
SAMPLED VOLUME (CM**3)	440.0		SAMPLED VOLUME (CM**3)	440.0		SAMPLED VOLUME (CM**3)	440.0	
SAMPLE INTERVAL (M)	1513.5		SAMPLE INTERVAL (M)	1261.3		SAMPLE INTERVAL (M)	1261.3	
NUMBER DENSITY (NO/CM**3)	.03		NUMBER DENSITY (NO/CM**3)	.06		NUMBER DENSITY (NO/CM**3)	.04	
LIG. WATER CONTENT (GM/M**3)	.000		LIG. WATER CONTENT (GM/M**3)	.000		LIG. WATER CONTENT (GM/M**3)	.000	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	0.000		5.5 - 7.0	0.000		5.5 - 7.0	.009	
7.0 - 9.0	.003		7.0 - 9.0	.014		7.0 - 9.0	0.000	
9.0 - 12.0	0.000		9.0 - 12.0	.002		9.0 - 12.0	.002	
12.0 - 16.0	.003		12.0 - 16.0	.005		12.0 - 16.0	.002	
16.0 - 21.0	.001		16.0 - 21.0	0.000		16.0 - 21.0	.003	
21.0 - 28.0	0.000		21.0 - 28.0	.001		21.0 - 28.0	0.000	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	0.000	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	

FLIGHT NUMBER 005 97  
DATE 21 JAN 1972  
TIME 18 5 32  
COUNTER NUMBER 9726

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 228.8  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .02  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 98  
DATE 21 JAN 1972  
TIME 18 5 37  
COUNTER NUMBER 9727

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.0  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1254.8  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	0.000
9.0 - 12.0	.002
12.0 - 16.0	.002
16.0 - 21.0	.001
21.0 - 28.0	.002
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 99  
DATE 21 JAN 1972  
TIME 18 5 42  
COUNTER NUMBER 9728

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.1  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.007
9.0 - 12.0	.002
12.0 - 16.0	.002
16.0 - 21.0	0.000
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 100  
DATE 21 JAN 1972  
TIME 18 5 47  
COUNTER NUMBER 9729

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.4  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	.005
12.0 - 16.0	.002
16.0 - 21.0	.001
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 101  
DATE 21 JAN 1972  
TIME 18 5 52  
COUNTER NUMBER 9730

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.5  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	0.000
9.0 - 12.0	.005
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.002
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 102  
DATE 21 JAN 1972  
TIME 18 5 57  
COUNTER NUMBER 9731

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.7  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.014
9.0 - 12.0	.002
12.0 - 16.0	.005
16.0 - 21.0	.003
21.0 - 28.0	.003
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 103  
DATE 21 JAN 1972  
TIME 18 6 2  
COUNTER NUMBER 9732

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 229.9  
  
SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.015
7.0 - 9.0	.003
9.0 - 12.0	.002
12.0 - 16.0	.003
16.0 - 21.0	.001
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 104  
DATE 21 JAN 1972  
TIME 18 6 8  
COUNTER NUMBER 9733

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 230.1  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1498.1  
NUMBER DENSITY (NO/CM\*\*3) .09  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.010
9.0 - 12.0	.007
12.0 - 16.0	.002
16.0 - 21.0	.003
21.0 - 28.0	.002
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 105  
DATE 21 JAN 1972  
TIME 18 6 13  
COUNTER NUMBER 9734

AIRCRAFT ALTITUDE (KM) 11.0  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 230.2  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .13  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.014
9.0 - 12.0	.005
12.0 - 16.0	.003
16.0 - 21.0	.001
21.0 - 28.0	.005
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 106  
DATE 21 JAN 1972  
TIME 18 6 18  
COUNTER NUMBER 9735

AIRCRAFT ALTITUDE (KM) 11.0  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 230.4  
  
SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .12  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.019
7.0 - 9.0	.011
9.0 - 12.0	0.000
12.0 - 16.0	.001
16.0 - 21.0	.007
21.0 - 28.0	.002
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 107  
DATE 21 JAN 1972  
TIME 18 6 24  
COUNTER NUMBER 9736

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 230.6  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1498.1  
NUMBER DENSITY (NO/CM\*\*3) .19  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.032
7.0 - 9.0	.007
9.0 - 12.0	.007
12.0 - 16.0	.009
16.0 - 21.0	.006
21.0 - 28.0	.005
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 108  
DATE 21 JAN 1972  
TIME 18 6 29  
COUNTER NUMBER 9737

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 230.8  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1242.0  
NUMBER DENSITY (NO/CM\*\*3) .31  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.021
9.0 - 12.0	.009
12.0 - 16.0	.005
16.0 - 21.0	.011
21.0 - 28.0	.016
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005	109	FLIGHT NUMBER 005	110	FLIGHT NUMBER 005	111
DATE 21 JAN 1972		DATE 21 JAN 1972		DATE 21 JAN 1972	
TIME 18 6 34		TIME 18 6 39		TIME 18 6 44	
COUNTER NUMBER 9738		COUNTER NUMBER 9739		COUNTER NUMBER 9740	
AIRCRAFT ALTITUDE (KM)	10.7	AIRCRAFT ALTITUDE (KM)	10.7	AIRCRAFT ALTITUDE (KM)	10.7
AIRCRAFT VELOCITY (M/S)	247.1	AIRCRAFT VELOCITY (M/S)	247.1	AIRCRAFT VELOCITY (M/S)	244.5
AMBIENT TEMPERATURE (DEG K)	231.0	AMBIENT TEMPERATURE (DEG K)	231.1	AMBIENT TEMPERATURE (DEG K)	231.3
SAMPLED VOLUME (CM**3)	435.0	SAMPLED VOLUME (CM**3)	435.0	SAMPLED VOLUME (CM**3)	430.0
SAMPLE INTERVAL (M)	1235.5	SAMPLE INTERVAL (M)	1235.5	SAMPLE INTERVAL (M)	1229.1
NUMBER DENSITY (NO/CM**3)	.55	NUMBER DENSITY (NO/CM**3)	.58	NUMBER DENSITY (NO/CM**3)	.47
LIG. WATER CONTENT (GM/M**3)	.006	LIG. WATER CONTENT (GM/M**3)	.005	LIG. WATER CONTENT (GM/M**3)	.006
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.032	5.5 - 7.0	.023	5.5 - 7.0	.033
7.0 - 9.0	.029	7.0 - 9.0	.039	7.0 - 9.0	.065
9.0 - 12.0	.005	9.0 - 12.0	.014	9.0 - 12.0	.002
12.0 - 16.0	.012	12.0 - 16.0	.020	12.0 - 16.0	.038
16.0 - 21.0	.040	16.0 - 21.0	.030	16.0 - 21.0	.026
21.0 - 28.0	.008	21.0 - 28.0	.012	21.0 - 28.0	.030
28.0 - 36.0	.010	28.0 - 36.0	.008	28.0 - 36.0	.007
36.0 - 47.0	.003	36.0 - 47.0	.003	36.0 - 47.0	.003
47.0 - 62.0	.001	47.0 - 62.0	.001	47.0 - 62.0	.001
62.0 - 82.0	.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 005	112	FLIGHT NUMBER 005	113	FLIGHT NUMBER 005	114
DATE 21 JAN 1972		DATE 21 JAN 1972		DATE 21 JAN 1972	
TIME 18 6 49		TIME 18 6 54		TIME 18 7 0	
COUNTER NUMBER 9741		COUNTER NUMBER 9742		COUNTER NUMBER 9743	
AIRCRAFT ALTITUDE (KM)	10.7	AIRCRAFT ALTITUDE (KM)	10.7	AIRCRAFT ALTITUDE (KM)	10.7
AIRCRAFT VELOCITY (M/S)	244.5	AIRCRAFT VELOCITY (M/S)	244.5	AIRCRAFT VELOCITY (M/S)	244.5
AMBIENT TEMPERATURE (DEG K)	231.5	AMBIENT TEMPERATURE (DEG K)	231.7	AMBIENT TEMPERATURE (DEG K)	231.9
SAMPLED VOLUME (CM**3)	430.0	SAMPLED VOLUME (CM**3)	516.0	SAMPLED VOLUME (CM**3)	430.0
SAMPLE INTERVAL (M)	1222.6	SAMPLE INTERVAL (M)	1222.6	SAMPLE INTERVAL (M)	1467.2
NUMBER DENSITY (NO/CM**3)	.89	NUMBER DENSITY (NO/CM**3)	.42	NUMBER DENSITY (NO/CM**3)	.47
LIG. WATER CONTENT (GM/M**3)	.006	LIG. WATER CONTENT (GM/M**3)	.005	LIG. WATER CONTENT (GM/M**3)	.005
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.053	5.5 - 7.0	.019	5.5 - 7.0	.033
7.0 - 9.0	.058	7.0 - 9.0	.017	7.0 - 9.0	.003
9.0 - 12.0	.024	9.0 - 12.0	.036	9.0 - 12.0	.033
12.0 - 16.0	.045	12.0 - 16.0	.014	12.0 - 16.0	.007
16.0 - 21.0	.014	16.0 - 21.0	.003	16.0 - 21.0	.017
21.0 - 28.0	.036	21.0 - 28.0	.009	21.0 - 28.0	.009
28.0 - 36.0	.009	28.0 - 36.0	.010	28.0 - 36.0	.007
36.0 - 47.0	.003	36.0 - 47.0	.002	36.0 - 47.0	.006
47.0 - 62.0	.000	47.0 - 62.0	.001	47.0 - 62.0	.000
62.0 - 82.0	0.000	62.0 - 82.0	.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 005	115	FLIGHT NUMBER 005	116	FLIGHT NUMBER 005	117
DATE 21 JAN 1972		DATE 21 JAN 1972		DATE 21 JAN 1972	
TIME 18 7 5		TIME 18 7 10		TIME 18 7 15	
COUNTER NUMBER 9744		COUNTER NUMBER 9745		COUNTER NUMBER 9746	
AIRCRAFT ALTITUDE (KM)	10.7	AIRCRAFT ALTITUDE (KM)	10.7	AIRCRAFT ALTITUDE (KM)	10.7
AIRCRAFT VELOCITY (M/S)	244.5	AIRCRAFT VELOCITY (M/S)	244.5	AIRCRAFT VELOCITY (M/S)	244.5
AMBIENT TEMPERATURE (DEG K)	232.0	AMBIENT TEMPERATURE (DEG K)	232.3	AMBIENT TEMPERATURE (DEG K)	232.5
SAMPLED VOLUME (CM**3)	430.0	SAMPLED VOLUME (CM**3)	430.0	SAMPLED VOLUME (CM**3)	430.0
SAMPLE INTERVAL (M)	1222.6	SAMPLE INTERVAL (M)	1222.6	SAMPLE INTERVAL (M)	1222.6
NUMBER DENSITY (NO/CM**3)	.46	NUMBER DENSITY (NO/CM**3)	.47	NUMBER DENSITY (NO/CM**3)	.49
LIG. WATER CONTENT (GM/M**3)	.006	LIG. WATER CONTENT (GM/M**3)	.003	LIG. WATER CONTENT (GM/M**3)	.003
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.023	5.5 - 7.0	.014	5.5 - 7.0	.043
7.0 - 9.0	.043	7.0 - 9.0	.007	7.0 - 9.0	.033
9.0 - 12.0	.026	9.0 - 12.0	.026	9.0 - 12.0	.009
12.0 - 16.0	.012	12.0 - 16.0	.023	12.0 - 16.0	.015
16.0 - 21.0	.008	16.0 - 21.0	.012	16.0 - 21.0	.017
21.0 - 28.0	.012	21.0 - 28.0	.019	21.0 - 28.0	.020
28.0 - 36.0	.006	28.0 - 36.0	.007	28.0 - 36.0	.003
36.0 - 47.0	.004	36.0 - 47.0	.001	36.0 - 47.0	.002
47.0 - 62.0	0.000	47.0 - 62.0	.000	47.0 - 62.0	0.000
62.0 - 82.0	.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 005	118	FLIGHT NUMBER 005	119	FLIGHT NUMBER 005	120
DATE 21 JAN 1972		DATE 21 JAN 1972		DATE 21 JAN 1972	
TIME 18 7 20		TIME 18 7 25		TIME 18 7 31	
COUNTER NUMBER 9747		COUNTER NUMBER 9748		COUNTER NUMBER 9749	
AIRCRAFT ALTITUDE (KM)	10.7	AIRCRAFT ALTITUDE (KM)	10.7	AIRCRAFT ALTITUDE (KM)	10.7
AIRCRAFT VELOCITY (M/S)	244.5	AIRCRAFT VELOCITY (M/S)	244.5	AIRCRAFT VELOCITY (M/S)	244.5
AMBIENT TEMPERATURE (DEG K)	232.8	AMBIENT TEMPERATURE (DEG K)	233.1	AMBIENT TEMPERATURE (DEG K)	233.4
SAMPLED VOLUME (CM**3)	430.0	SAMPLED VOLUME (CM**3)	516.0	SAMPLED VOLUME (CM**3)	430.0
SAMPLE INTERVAL (M)	1222.6	SAMPLE INTERVAL (M)	1222.6	SAMPLE INTERVAL (M)	1467.2
NUMBER DENSITY (NO/CM**3)	.32	NUMBER DENSITY (NO/CM**3)	.25	NUMBER DENSITY (NO/CM**3)	.22
LIG. WATER CONTENT (GM/M**3)	.002	LIG. WATER CONTENT (GM/M**3)	.002	LIG. WATER CONTENT (GM/M**3)	.001
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.009	5.5 - 7.0	.016	5.5 - 7.0	.023
7.0 - 9.0	.010	7.0 - 9.0	.024	7.0 - 9.0	.017
9.0 - 12.0	.016	9.0 - 12.0	.006	9.0 - 12.0	.005
12.0 - 16.0	.012	12.0 - 16.0	.003	12.0 - 16.0	.007
16.0 - 21.0	.019	16.0 - 21.0	.010	16.0 - 21.0	.010
21.0 - 28.0	.005	21.0 - 28.0	.009	21.0 - 28.0	.006
28.0 - 36.0	.006	28.0 - 36.0	.001	28.0 - 36.0	.001
36.0 - 47.0	.001	36.0 - 47.0	.002	36.0 - 47.0	.001
47.0 - 62.0	0.000	47.0 - 62.0	.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000

FLIGHT NUMBER 005 121  
DATE 21 JAN 1972  
TIME 18 7 36  
COUNTER NUMBER 9750

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 233.7  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1229.1  
NUMBER DENSITY (NO/CM\*\*3) .23  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.014
9.0 - 12.0	.007
12.0 - 16.0	.007
16.0 - 21.0	.010
21.0 - 28.0	.008
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 122  
DATE 21 JAN 1972  
TIME 18 7 41  
COUNTER NUMBER 9751

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 234.0  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1242.0  
NUMBER DENSITY (NO/CM\*\*3) .17  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.010
9.0 - 12.0	.005
12.0 - 16.0	.010
16.0 - 21.0	.001
21.0 - 28.0	.003
28.0 - 36.0	.003
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 123  
DATE 21 JAN 1972  
TIME 18 7 46  
COUNTER NUMBER 9752

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 234.4  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .17  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/LM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.010
9.0 - 12.0	.014
12.0 - 16.0	0.000
16.0 - 21.0	.004
21.0 - 28.0	.008
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 124  
DATE 21 JAN 1972  
TIME 18 7 51  
COUNTER NUMBER 9753

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 234.7  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .15  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.007
9.0 - 12.0	.002
12.0 - 16.0	.007
16.0 - 21.0	.008
21.0 - 28.0	.004
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 125  
DATE 21 JAN 1972  
TIME 18 7 56  
COUNTER NUMBER 9754

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 234.9  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .22  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.017
9.0 - 12.0	0.000
12.0 - 16.0	.007
16.0 - 21.0	.017
21.0 - 28.0	.003
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 126  
DATE 21 JAN 1972  
TIME 18 8 1  
COUNTER NUMBER 9755

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 235.2  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/LM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.014
9.0 - 12.0	0.000
12.0 - 16.0	.010
16.0 - 21.0	.020
21.0 - 28.0	.002
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 127  
DATE 21 JAN 1972  
TIME 18 8 0  
COUNTER NUMBER 9756

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 235.4  
  
SAMPLED VOLUME (CM\*\*3) 528.0  
SAMPLE INTERVAL (M) 1254.8  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.032
7.0 - 9.0	.017
9.0 - 12.0	.004
12.0 - 16.0	.007
16.0 - 21.0	.007
21.0 - 28.0	.008
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 128  
DATE 21 JAN 1972  
TIME 18 8 12  
COUNTER NUMBER 9757

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 254.8  
AMBIENT TEMPERATURE (DEG K) 235.6  
  
SAMPLED VOLUME (CM\*\*3) 445.0  
SAMPLE INTERVAL (M) 1521.2  
NUMBER DENSITY (NO/CM\*\*3) .18  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.003
9.0 - 12.0	.019
12.0 - 16.0	0.000
16.0 - 21.0	.008
21.0 - 28.0	.007
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 129  
DATE 21 JAN 1972  
TIME 18 8 17  
COUNTER NUMBER 9758

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 254.8  
AMBIENT TEMPERATURE (DEG K) 235.7  
  
SAMPLED VOLUME (CM\*\*3) 445.0  
SAMPLE INTERVAL (M) 1274.1  
NUMBER DENSITY (NO/CM\*\*3) .16  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/LM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.031
9.0 - 12.0	.004
12.0 - 16.0	0.000
16.0 - 21.0	.007
21.0 - 28.0	.003
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 130  
DATE 21 JAN 1972  
TIME 18 8 22  
COUNTER NUMBER 9759

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 235.9  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1267.7  
NUMBER DENSITY (NO/CM\*\*3) .17  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.017
9.0 - 12.0	.009
12.0 - 16.0	.002
16.0 - 21.0	.007
21.0 - 28.0	.006
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 131  
DATE 21 JAN 1972  
TIME 18 8 27  
COUNTER NUMBER 9760

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 236.0  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .25  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.027
7.0 - 9.0	.020
9.0 - 12.0	.002
12.0 - 16.0	.012
16.0 - 21.0	.007
21.0 - 28.0	.004
28.0 - 36.0	.003
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 132  
DATE 21 JAN 1972  
TIME 18 8 32  
COUNTER NUMBER 9761

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 236.2  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1254.8  
NUMBER DENSITY (NO/CM\*\*3) .23  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/LM DIA.INT.

5.5 - 7.0	.028
7.0 - 9.0	.021
9.0 - 12.0	0.000
12.0 - 16.0	.009
16.0 - 21.0	.008
21.0 - 28.0	.005
28.0 - 36.0	.002
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 133  
DATE 21 JAN 1972  
TIME 18 8 37  
COUNTER NUMBER 9762

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 236.3

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	0.000
9.0 - 12.0	.009
12.0 - 16.0	.002
16.0 - 21.0	.004
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 134  
DATE 21 JAN 1972  
TIME 18 8 42  
COUNTER NUMBER 9763

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 236.4

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1242.0  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.003
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 135  
DATE 21 JAN 1972  
TIME 18 8 47  
COUNTER NUMBER 9764

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 236.6

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 136  
DATE 21 JAN 1972  
TIME 18 8 52  
COUNTER NUMBER 9765

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 236.7

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 137  
DATE 21 JAN 1972  
TIME 18 8 58  
COUNTER NUMBER 9766

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 236.9

SAMPLED VOLUME (CM\*\*3) 516.0  
SAMPLE INTERVAL (M) 1474.9  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.004
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 138  
DATE 21 JAN 1972  
TIME 18 9 3  
COUNTER NUMBER 9767

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 237.0

SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1216.2  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.007
9.0 - 12.0	.002
12.0 - 16.0	.002
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 139  
DATE 21 JAN 1972  
TIME 18 9 8  
COUNTER NUMBER 9768

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 237.0

SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.004
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 140  
DATE 21 JAN 1972  
TIME 18 9 13  
COUNTER NUMBER 9769

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 236.7

SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.004
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 141  
DATE 21 JAN 1972  
TIME 18 9 18  
COUNTER NUMBER 9770

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 236.4

SAMPLED VOLUME (CM\*\*3) 510.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.004
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 142  
DATE 21 JAN 1972  
TIME 18 9 24  
COUNTER NUMBER 9771

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 236.0

SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1451.7  
NUMBER DENSITY (NO/CM\*\*3) .07  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.004
9.0 - 12.0	0.000
12.0 - 16.0	.004
16.0 - 21.0	.001
21.0 - 28.0	.003
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 143  
DATE 21 JAN 1972  
TIME 18 9 29  
COUNTER NUMBER 9772

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 235.7

SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) .13  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.007
9.0 - 12.0	.005
12.0 - 16.0	.009
16.0 - 21.0	.001
21.0 - 28.0	.001
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 144  
DATE 21 JAN 1972  
TIME 18 9 34  
COUNTER NUMBER 9773

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 235.4

SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1216.2  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.039
7.0 - 9.0	.003
9.0 - 12.0	.005
12.0 - 16.0	.012
16.0 - 21.0	.007
21.0 - 28.0	.006
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

ORIGINAL PAGE IS  
OF POOR QUALITY

FLIGHT NUMBER	005	145	FLIGHT NUMBER	005	146	FLIGHT NUMBER	005	147
DATE 21 JAN 1972			DATE 21 JAN 1972			DATE 21 JAN 1972		
TIME 18 9 39			TIME 18 9 44			TIME 18 56 3		
COUNTER NUMBER 9774			COUNTER NUMBER 9775			COUNTER NUMBER 9860		
AIRCRAFT ALTITUDE (KM)	10.7		AIRCRAFT ALTITUDE (KM)	10.7		AIRCRAFT ALTITUDE (KM)	13.7	
AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	231.7	
AMBIENT TEMPERATURE (DEG K)	235.1		AMBIENT TEMPERATURE (DEG K)	234.8		AMBIENT TEMPERATURE (DEG K)	213.1	
SAMPLED VOLUME (CM**3)	430.0		SAMPLED VOLUME (CM**3)	430.0		SAMPLED VOLUME (CM**3)	410.0	
SAMPLE INTERVAL (M)	1222.6		SAMPLE INTERVAL (M)	1222.6		SAMPLE INTERVAL (M)	0.0	
NUMBER DENSITY (NO/CM**3)	.30		NUMBER DENSITY (NO/CM**3)	.55		NUMBER DENSITY (NO/CM**3)	.13	
LIG. WATER CONTENT (GM/M**3)	.002		LIG. WATER CONTENT (GM/M**3)	.009		LIG. WATER CONTENT (GM/M**3)	.000	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.028		5.5 - 7.0	.009		5.5 - 7.0	.020	
7.0 - 9.0	.024		7.0 - 9.0	.029		7.0 - 9.0	.011	
9.0 - 12.0	.014		9.0 - 12.0	.016		9.0 - 12.0	.002	
12.0 - 16.0	.005		12.0 - 16.0	.012		12.0 - 16.0	.007	
16.0 - 21.0	.008		16.0 - 21.0	.007		16.0 - 21.0	.001	
21.0 - 28.0	.008		21.0 - 28.0	.019		21.0 - 28.0	.004	
28.0 - 36.0	.004		28.0 - 36.0	.019		28.0 - 36.0	.001	
36.0 - 47.0	.001		36.0 - 47.0	.004		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	.001		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	005	148	FLIGHT NUMBER	005	149	FLIGHT NUMBER	005	150
DATE 21 JAN 1972			DATE 21 JAN 1972			DATE 21 JAN 1972		
TIME 18 56 8			TIME 18 56 14			TIME 18 56 19		
COUNTER NUMBER 9861			COUNTER NUMBER 9862			COUNTER NUMBER 9863		
AIRCRAFT ALTITUDE (KM)	13.7		AIRCRAFT ALTITUDE (KM)	13.7		AIRCRAFT ALTITUDE (KM)	13.7	
AIRCRAFT VELOCITY (M/S)	231.7		AIRCRAFT VELOCITY (M/S)	231.7		AIRCRAFT VELOCITY (M/S)	231.7	
AMBIENT TEMPERATURE (DEG K)	213.6		AMBIENT TEMPERATURE (DEG K)	213.7		AMBIENT TEMPERATURE (DEG K)	213.7	
SAMPLED VOLUME (CM**3)	492.0		SAMPLED VOLUME (CM**3)	410.0		SAMPLED VOLUME (CM**3)	410.0	
SAMPLE INTERVAL (M)	1158.3		SAMPLE INTERVAL (M)	1390.0		SAMPLE INTERVAL (M)	1158.3	
NUMBER DENSITY (NO/CM**3)	.21		NUMBER DENSITY (NO/CM**3)	.90		NUMBER DENSITY (NO/CM**3)	.53	
LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.005		LIG. WATER CONTENT (GM/M**3)	.002	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.012		5.5 - 7.0	.046		5.5 - 7.0	.055	
7.0 - 9.0	.018		7.0 - 9.0	.052		7.0 - 9.0	.018	
9.0 - 12.0	0.000		9.0 - 12.0	.033		9.0 - 12.0	.005	
12.0 - 16.0	.008		12.0 - 16.0	.024		12.0 - 16.0	.038	
16.0 - 21.0	.007		16.0 - 21.0	.044		16.0 - 21.0	.020	
21.0 - 28.0	.011		21.0 - 28.0	.027		21.0 - 28.0	.011	
28.0 - 36.0	.002		28.0 - 36.0	.014		28.0 - 36.0	.009	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	005	151	FLIGHT NUMBER	005	152	FLIGHT NUMBER	005	153
DATE 21 JAN 1972			DATE 21 JAN 1972			DATE 21 JAN 1972		
TIME 18 56 24			TIME 18 56 29			TIME 18 56 35		
COUNTER NUMBER 9864			COUNTER NUMBER 9865			COUNTER NUMBER 9866		
AIRCRAFT ALTITUDE (KM)	13.7		AIRCRAFT ALTITUDE (KM)	13.7		AIRCRAFT ALTITUDE (KM)	13.7	
AIRCRAFT VELOCITY (M/S)	231.7		AIRCRAFT VELOCITY (M/S)	231.7		AIRCRAFT VELOCITY (M/S)	234.2	
AMBIENT TEMPERATURE (DEG K)	213.7		AMBIENT TEMPERATURE (DEG K)	213.6		AMBIENT TEMPERATURE (DEG K)	213.5	
SAMPLED VOLUME (CM**3)	410.0		SAMPLED VOLUME (CM**3)	410.0		SAMPLED VOLUME (CM**3)	498.0	
SAMPLE INTERVAL (M)	1158.3		SAMPLE INTERVAL (M)	1158.3		SAMPLE INTERVAL (M)	1397.7	
NUMBER DENSITY (NO/CM**3)	.19		NUMBER DENSITY (NO/CM**3)	.05		NUMBER DENSITY (NO/CM**3)	.10	
LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.000		LIG. WATER CONTENT (GM/M**3)	.000	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.020		5.5 - 7.0	.010		5.5 - 7.0	.016	
7.0 - 9.0	.026		7.0 - 9.0	.007		7.0 - 9.0	.009	
9.0 - 12.0	.002		9.0 - 12.0	.005		9.0 - 12.0	.002	
12.0 - 16.0	.005		12.0 - 16.0	0.000		12.0 - 16.0	.003	
16.0 - 21.0	.010		16.0 - 21.0	0.000		16.0 - 21.0	.002	
21.0 - 28.0	.002		21.0 - 28.0	.001		21.0 - 28.0	.002	
28.0 - 36.0	.001		28.0 - 36.0	0.000		28.0 - 36.0	.002	
36.0 - 47.0	.001		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	005	154	FLIGHT NUMBER	005	155	FLIGHT NUMBER	005	156
DATE 21 JAN 1972			DATE 21 JAN 1972			DATE 21 JAN 1972		
TIME 18 56 40			TIME 18 56 45			TIME 18 56 50		
COUNTER NUMBER 9867			COUNTER NUMBER 9868			COUNTER NUMBER 9869		
AIRCRAFT ALTITUDE (KM)	13.7		AIRCRAFT ALTITUDE (KM)	13.7		AIRCRAFT ALTITUDE (KM)	13.7	
AIRCRAFT VELOCITY (M/S)	236.8		AIRCRAFT VELOCITY (M/S)	236.8		AIRCRAFT VELOCITY (M/S)	236.8	
AMBIENT TEMPERATURE (DEG K)	210.7		AMBIENT TEMPERATURE (DEG K)	207.8		AMBIENT TEMPERATURE (DEG K)	208.3	
SAMPLED VOLUME (CM**3)	420.0		SAMPLED VOLUME (CM**3)	420.0		SAMPLED VOLUME (CM**3)	420.0	
SAMPLE INTERVAL (M)	1177.6		SAMPLE INTERVAL (M)	1184.0		SAMPLE INTERVAL (M)	1184.0	
NUMBER DENSITY (NO/CM**3)	.07		NUMBER DENSITY (NO/CM**3)	.12		NUMBER DENSITY (NO/CM**3)	.11	
LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.000	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.019		5.5 - 7.0	0.000		5.5 - 7.0	.024	
7.0 - 9.0	.004		7.0 - 9.0	0.000		7.0 - 9.0	.007	
9.0 - 12.0	.002		9.0 - 12.0	.012		9.0 - 12.0	0.000	
12.0 - 16.0	0.000		12.0 - 16.0	.004		12.0 - 16.0	.011	
16.0 - 21.0	.001		16.0 - 21.0	.004		16.0 - 21.0	.001	
21.0 - 28.0	0.000		21.0 - 28.0	.005		21.0 - 28.0	.002	
28.0 - 36.0	0.000		28.0 - 36.0	.001		28.0 - 36.0	0.000	
36.0 - 47.0	.001		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	.000		47.0 - 62.0	.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	

FLIGHT NUMBER	005	157	FLIGHT NUMBER	005	158	FLIGHT NUMBER	005	159
DATE 21 JAN 1972			DATE 21 JAN 1972			DATE 21 JAN 1972		
TIME 18 56 55			TIME 18 57 0			TIME 18 57 5		
COUNTER NUMBER 9870			COUNTER NUMBER 9871			COUNTER NUMBER 9872		
AIRCRAFT ALTITUDE (KM)	13.4		AIRCRAFT ALTITUDE (KM)	13.4		AIRCRAFT ALTITUDE (KM)	13.7	
AIRCRAFT VELOCITY (M/S)	239.4		AIRCRAFT VELOCITY (M/S)	239.4		AIRCRAFT VELOCITY (M/S)	242.0	
AMBIENT TEMPERATURE (DEG K)	208.8		AMBIENT TEMPERATURE (DEG K)	208.5		AMBIENT TEMPERATURE (DEG K)	208.3	
SAMPLED VOLUME (CM**3)	420.0		SAMPLED VOLUME (CM**3)	420.0		SAMPLED VOLUME (CM**3)	425.0	
SAMPLE INTERVAL (M)	1190.5		SAMPLE INTERVAL (M)	1196.9		SAMPLE INTERVAL (M)	1203.3	
NUMBER DENSITY (NO/CM**3)	.19		NUMBER DENSITY (NO/CM**3)	.23		NUMBER DENSITY (NO/CM**3)	.36	
LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.002		LIG. WATER CONTENT (GM/M**3)	.002	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.019		5.5 - 7.0	.033		5.5 - 7.0	.019	
7.0 - 9.0	.018		7.0 - 9.0	.014		7.0 - 9.0	.044	
9.0 - 12.0	.005		9.0 - 12.0	.007		9.0 - 12.0	.009	
12.0 - 16.0	.005		12.0 - 16.0	.007		12.0 - 16.0	.011	
16.0 - 21.0	.009		16.0 - 21.0	.009		16.0 - 21.0	.010	
21.0 - 28.0	.004		21.0 - 28.0	.003		21.0 - 28.0	.009	
28.0 - 36.0	0.000		28.0 - 36.0	.003		28.0 - 36.0	.005	
36.0 - 47.0	.001		36.0 - 47.0	0.000		36.0 - 47.0	.001	
47.0 - 62.0	0.000		47.0 - 62.0	.001		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	005	160	FLIGHT NUMBER	005	161	FLIGHT NUMBER	005	162
DATE 21 JAN 1972			DATE 21 JAN 1972			DATE 21 JAN 1972		
TIME 18 57 10			TIME 18 57 16			TIME 18 57 21		
COUNTER NUMBER 9873			COUNTER NUMBER 9874			COUNTER NUMBER 9875		
AIRCRAFT ALTITUDE (KM)	13.7		AIRCRAFT ALTITUDE (KM)	13.7		AIRCRAFT ALTITUDE (KM)	13.4	
AIRCRAFT VELOCITY (M/S)	242.0		AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5	
AMBIENT TEMPERATURE (DEG K)	208.6		AMBIENT TEMPERATURE (DEG K)	208.9		AMBIENT TEMPERATURE (DEG K)	211.8	
SAMPLED VOLUME (CM**3)	510.0		SAMPLED VOLUME (CM**3)	430.0		SAMPLED VOLUME (CM**3)	430.0	
SAMPLE INTERVAL (M)	1209.8		SAMPLE INTERVAL (M)	1459.5		SAMPLE INTERVAL (M)	1222.6	
NUMBER DENSITY (NO/CM**3)	.38		NUMBER DENSITY (NO/CM**3)	.19		NUMBER DENSITY (NO/CM**3)	.12	
LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.001	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.069		5.5 - 7.0	.014		5.5 - 7.0	.009	
7.0 - 9.0	.009		7.0 - 9.0	.017		7.0 - 9.0	.007	
9.0 - 12.0	.002		9.0 - 12.0	0.000		9.0 - 12.0	0.000	
12.0 - 16.0	.026		12.0 - 16.0	.009		12.0 - 16.0	.007	
16.0 - 21.0	.011		16.0 - 21.0	.010		16.0 - 21.0	.006	
21.0 - 28.0	.010		21.0 - 28.0	.005		21.0 - 28.0	.002	
28.0 - 36.0	.002		28.0 - 36.0	.002		28.0 - 36.0	.003	
36.0 - 47.0	.001		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	005	163	FLIGHT NUMBER	005	164	FLIGHT NUMBER	005	165
DATE 21 JAN 1972			DATE 21 JAN 1972			DATE 21 JAN 1972		
TIME 18 57 26			TIME 18 57 31			TIME 18 57 37		
COUNTER NUMBER 9876			COUNTER NUMBER 9877			COUNTER NUMBER 9878		
AIRCRAFT ALTITUDE (KM)	13.7		AIRCRAFT ALTITUDE (KM)	13.4		AIRCRAFT ALTITUDE (KM)	13.4	
AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5	
AMBIENT TEMPERATURE (DEG K)	213.9		AMBIENT TEMPERATURE (DEG K)	214.1		AMBIENT TEMPERATURE (DEG K)	214.1	
SAMPLED VOLUME (CM**3)	430.0		SAMPLED VOLUME (CM**3)	516.0		SAMPLED VOLUME (CM**3)	344.0	
SAMPLE INTERVAL (M)	1222.6		SAMPLE INTERVAL (M)	1222.6		SAMPLE INTERVAL (M)	1467.2	
NUMBER DENSITY (NO/CM**3)	.24		NUMBER DENSITY (NO/CM**3)	.13		NUMBER DENSITY (NO/CM**3)	.16	
LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.002	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	0.000		5.5 - 7.0	.019		5.5 - 7.0	.012	
7.0 - 9.0	.036		7.0 - 9.0	.015		7.0 - 9.0	.013	
9.0 - 12.0	.012		9.0 - 12.0	.004		9.0 - 12.0	.009	
12.0 - 16.0	.009		12.0 - 16.0	.004		12.0 - 16.0	.007	
16.0 - 21.0	.008		16.0 - 21.0	.003		16.0 - 21.0	.005	
21.0 - 28.0	.003		21.0 - 28.0	.003		21.0 - 28.0	.004	
28.0 - 36.0	.004		28.0 - 36.0	0.000		28.0 - 36.0	0.000	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	005	166	FLIGHT NUMBER	005	167	FLIGHT NUMBER	005	168
DATE 21 JAN 1972			DATE 21 JAN 1972			DATE 21 JAN 1972		
TIME 18 57 41			TIME 18 57 46			TIME 18 57 52		
COUNTER NUMBER 9879			COUNTER NUMBER 9880			COUNTER NUMBER 9881		
AIRCRAFT ALTITUDE (KM)	13.4		AIRCRAFT ALTITUDE (KM)	13.4		AIRCRAFT ALTITUDE (KM)	13.4	
AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5	
AMBIENT TEMPERATURE (DEG K)	213.9		AMBIENT TEMPERATURE (DEG K)	213.8		AMBIENT TEMPERATURE (DEG K)	214.4	
SAMPLED VOLUME (CM**3)	430.0		SAMPLED VOLUME (CM**3)	516.0		SAMPLED VOLUME (CM**3)	430.0	
SAMPLE INTERVAL (M)	978.1		SAMPLE INTERVAL (M)	1222.6		SAMPLE INTERVAL (M)	1467.2	
NUMBER DENSITY (NO/CM**3)	.20		NUMBER DENSITY (NO/CM**3)	.21		NUMBER DENSITY (NO/CM**3)	.19	
LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.001	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.019		5.5 - 7.0	.012		5.5 - 7.0	.019	
7.0 - 9.0	.024		7.0 - 9.0	.003		7.0 - 9.0	.014	
9.0 - 12.0	0.000		9.0 - 12.0	0.000		9.0 - 12.0	.014	
12.0 - 16.0	.005		12.0 - 16.0	.010		12.0 - 16.0	.003	
16.0 - 21.0	.008		16.0 - 21.0	.016		16.0 - 21.0	.007	
21.0 - 28.0	.005		21.0 - 28.0	.005		21.0 - 28.0	.003	
28.0 - 36.0	.002		28.0 - 36.0	.003		28.0 - 36.0	.002	
36.0 - 47.0	.001		36.0 - 47.0	.001		36.0 - 47.0	.001	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	

FLIGHT NUMBER 005 169  
DATE 21 JAN 1972  
TIME 18 57 57  
COUNTER NUMBER 9882

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 214.6  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .17  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.019
7.0 - 9.0	.007
9.0 - 12.0	0.000
12.0 - 16.0	.009
16.0 - 21.0	.006
21.0 - 28.0	.005
28.0 - 36.0	.002
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 170  
DATE 21 JAN 1972  
TIME 18 58 2  
COUNTER NUMBER 9883

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 214.5  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1229.1  
NUMBER DENSITY (NO/CM\*\*3) .28  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.018
7.0 - 9.0	0.000
9.0 - 12.0	.019
12.0 - 16.0	.014
16.0 - 21.0	.003
21.0 - 28.0	.014
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 171  
DATE 21 JAN 1972  
TIME 18 58 7  
COUNTER NUMBER 9884

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 214.5  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .37  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.028
7.0 - 9.0	.024
9.0 - 12.0	.021
12.0 - 16.0	.016
16.0 - 21.0	.016
21.0 - 28.0	.005
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 172  
DATE 21 JAN 1972  
TIME 18 58 12  
COUNTER NUMBER 9885

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 214.8  
  
SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1242.0  
NUMBER DENSITY (NO/CM\*\*3) .18  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.011
7.0 - 9.0	.011
9.0 - 12.0	.010
12.0 - 16.0	.004
16.0 - 21.0	.007
21.0 - 28.0	.006
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 173  
DATE 21 JAN 1972  
TIME 18 58 18  
COUNTER NUMBER 9886

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 215.1  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1490.3  
NUMBER DENSITY (NO/CM\*\*3) .23  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.028
7.0 - 9.0	.010
9.0 - 12.0	.014
12.0 - 16.0	.010
16.0 - 21.0	.007
21.0 - 28.0	.002
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 174  
DATE 21 JAN 1972  
TIME 18 58 23  
COUNTER NUMBER 9887

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 215.5  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1242.0  
NUMBER DENSITY (NO/CM\*\*3) .29  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.021
9.0 - 12.0	.011
12.0 - 16.0	.009
16.0 - 21.0	.018
21.0 - 28.0	.003
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 175  
DATE 21 JAN 1972  
TIME 18 58 28  
COUNTER NUMBER 9888

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 215.6  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .22  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.014
9.0 - 12.0	.005
12.0 - 16.0	.003
16.0 - 21.0	.016
21.0 - 28.0	.007
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 176  
DATE 21 JAN 1972  
TIME 18 58 33  
COUNTER NUMBER 9889

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 215.4  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1254.8  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.024
9.0 - 12.0	.009
12.0 - 16.0	.014
16.0 - 21.0	.007
21.0 - 28.0	.003
28.0 - 36.0	.006
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 177  
DATE 21 JAN 1972  
TIME 18 58 38  
COUNTER NUMBER 9890

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 215.5  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1254.8  
NUMBER DENSITY (NO/CM\*\*3) .38  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.032
7.0 - 9.0	.021
9.0 - 12.0	.016
12.0 - 16.0	.016
16.0 - 21.0	.016
21.0 - 28.0	.011
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 178  
DATE 21 JAN 1972  
TIME 18 58 43  
COUNTER NUMBER 9891

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 215.9  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .40  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.024
9.0 - 12.0	.035
12.0 - 16.0	.010
16.0 - 21.0	.010
21.0 - 28.0	.011
28.0 - 36.0	.005
36.0 - 47.0	.002
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 179  
DATE 21 JAN 1972  
TIME 18 58 48  
COUNTER NUMBER 9892

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 215.9  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1254.8  
NUMBER DENSITY (NO/CM\*\*3) .43  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.070
7.0 - 9.0	.017
9.0 - 12.0	.021
12.0 - 16.0	.016
16.0 - 21.0	.017
21.0 - 28.0	.008
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 180  
DATE 21 JAN 1972  
TIME 18 58 53  
COUNTER NUMBER 9893

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 216.4  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .18  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.010
9.0 - 12.0	.005
12.0 - 16.0	.009
16.0 - 21.0	.008
21.0 - 28.0	.006
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 005 181  
DATE 21 JAN 1972  
TIME 18 58 58  
COUNTER NUMBER 9894

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 216.5  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .52  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.047
7.0 - 9.0	.020
9.0 - 12.0	.011
12.0 - 16.0	.026
16.0 - 21.0	.021
21.0 - 28.0	.012
28.0 - 36.0	.008
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 182  
DATE 21 JAN 1972  
TIME 18 59 3  
COUNTER NUMBER 9895

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 216.7  
  
SAMPLED VOLUME (CM\*\*3) 528.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .63  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.090
7.0 - 9.0	.038
9.0 - 12.0	.009
12.0 - 16.0	.032
16.0 - 21.0	.020
21.0 - 28.0	.012
28.0 - 36.0	.004
36.0 - 47.0	.003
47.0 - 62.0	.002
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 183  
DATE 21 JAN 1972  
TIME 18 59 9  
COUNTER NUMBER 9896

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 217.1  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1513.5  
NUMBER DENSITY (NO/CM\*\*3) .26  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.027
7.0 - 9.0	.017
9.0 - 12.0	.016
12.0 - 16.0	.012
16.0 - 21.0	.008
21.0 - 28.0	.006
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 184  
DATE 21 JAN 1972  
TIME 18 59 14  
COUNTER NUMBER 9897

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 217.5  
  
SAMPLED VOLUME (CM\*\*3) 528.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .18  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.035
7.0 - 9.0	.014
9.0 - 12.0	.006
12.0 - 16.0	0.000
16.0 - 21.0	.006
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 185  
DATE 21 JAN 1972  
TIME 18 59 20  
COUNTER NUMBER 9898

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 217.4  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1513.5  
NUMBER DENSITY (NO/CM\*\*3) .21  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	.010
9.0 - 12.0	.002
12.0 - 16.0	.014
16.0 - 21.0	.007
21.0 - 28.0	.004
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 186  
DATE 21 JAN 1972  
TIME 18 59 25  
COUNTER NUMBER 9899

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 217.2  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .18  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.027
7.0 - 9.0	.007
9.0 - 12.0	.007
12.0 - 16.0	.010
16.0 - 21.0	.003
21.0 - 28.0	.001
28.0 - 36.0	.005
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 187  
DATE 21 JAN 1972  
TIME 18 59 30  
COUNTER NUMBER 9900

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 217.5  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .33  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.047
7.0 - 9.0	.020
9.0 - 12.0	.009
12.0 - 16.0	.010
16.0 - 21.0	.011
21.0 - 28.0	.010
28.0 - 36.0	0.000
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 188  
DATE 21 JAN 1972  
TIME 18 59 35  
COUNTER NUMBER 9901

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 217.8  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .30  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.032
7.0 - 9.0	.007
9.0 - 12.0	.005
12.0 - 16.0	.012
16.0 - 21.0	.017
21.0 - 28.0	.006
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	.001

FLIGHT NUMBER 005 189  
DATE 21 JAN 1972  
TIME 18 59 40  
COUNTER NUMBER 9902

AIRCRAFT ALTITUDE (KM) 12.5  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 218.1  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .31  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.032
7.0 - 9.0	.028
9.0 - 12.0	.011
12.0 - 16.0	0.000
16.0 - 21.0	.015
21.0 - 28.0	.009
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 190  
DATE 21 JAN 1972  
TIME 18 59 45  
COUNTER NUMBER 9903

AIRCRAFT ALTITUDE (KM) 12.5  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 218.2  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .44  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	.028
9.0 - 12.0	.011
12.0 - 16.0	.028
16.0 - 21.0	.014
21.0 - 28.0	.008
28.0 - 36.0	.008
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 191  
DATE 21 JAN 1972  
TIME 18 59 50  
COUNTER NUMBER 9904

AIRCRAFT ALTITUDE (KM) 12.5  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 218.2  
  
SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1280.6  
NUMBER DENSITY (NO/CM\*\*3) .26  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.027
7.0 - 9.0	0.000
9.0 - 12.0	.009
12.0 - 16.0	.019
16.0 - 21.0	.008
21.0 - 28.0	.004
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 192  
DATE 21 JAN 1972  
TIME 18 59 55  
COUNTER NUMBER 9905

AIRCRAFT ALTITUDE (KM) 12.5  
AIRCRAFT VELOCITY (M/S) 265.1  
AMBIENT TEMPERATURE (DEG K) 218.2  
  
SAMPLED VOLUME (CM\*\*3) 460.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) .25  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.041
7.0 - 9.0	0.000
9.0 - 12.0	.007
12.0 - 16.0	.023
16.0 - 21.0	.007
21.0 - 28.0	.003
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 193  
DATE 21 JAN 1972  
TIME 19 0 0  
COUNTER NUMBER 9906

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 257.4  
AMBIENT TEMPERATURE (DEG K) 218.5  
  
SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1306.3  
NUMBER DENSITY (NO/CM\*\*3) .36  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.041
7.0 - 9.0	.013
9.0 - 12.0	.013
12.0 - 16.0	.016
16.0 - 21.0	.019
21.0 - 28.0	.006
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 194  
DATE 21 JAN 1972  
TIME 19 0 5  
COUNTER NUMBER 9907

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 218.8  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1274.1  
NUMBER DENSITY (NO/CM\*\*3) .44  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.042
7.0 - 9.0	.035
9.0 - 12.0	.007
12.0 - 16.0	.024
16.0 - 21.0	.005
21.0 - 28.0	.007
28.0 - 36.0	.006
36.0 - 47.0	.004
47.0 - 62.0	.001
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 195  
DATE 21 JAN 1972  
TIME 19 0 10  
COUNTER NUMBER 9908

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 219.4  
  
SAMPLED VOLUME (CM\*\*3) 528.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .32  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.035
7.0 - 9.0	.020
9.0 - 12.0	.006
12.0 - 16.0	.012
16.0 - 21.0	.008
21.0 - 28.0	.012
28.0 - 36.0	.001
36.0 - 47.0	.002
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 196  
DATE 21 JAN 1972  
TIME 19 0 16  
COUNTER NUMBER 9909

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 219.9  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1513.5  
NUMBER DENSITY (NO/CM\*\*3) .41  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.032
7.0 - 9.0	.042
9.0 - 12.0	.005
12.0 - 16.0	.023
16.0 - 21.0	.013
21.0 - 28.0	.007
28.0 - 36.0	.006
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 197  
DATE 21 JAN 1972  
TIME 19 0 21  
COUNTER NUMBER 9910

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 254.8  
AMBIENT TEMPERATURE (DEG K) 220.1  
  
SAMPLED VOLUME (CM\*\*3) 534.0  
SAMPLE INTERVAL (M) 1267.7  
NUMBER DENSITY (NO/CM\*\*3) .28  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.011
7.0 - 9.0	.032
9.0 - 12.0	0.000
12.0 - 16.0	.015
16.0 - 21.0	.008
21.0 - 28.0	.010
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 198  
DATE 21 JAN 1972  
TIME 19 0 27  
COUNTER NUMBER 9911

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 254.8  
AMBIENT TEMPERATURE (DEG K) 220.3  
  
SAMPLED VOLUME (CM\*\*3) 445.0  
SAMPLE INTERVAL (M) 1529.0  
NUMBER DENSITY (NO/CM\*\*3) .34  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.004
7.0 - 9.0	.024
9.0 - 12.0	.011
12.0 - 16.0	.021
16.0 - 21.0	.008
21.0 - 28.0	.010
28.0 - 36.0	.003
36.0 - 47.0	.003
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 199  
DATE 21 JAN 1972  
TIME 19 0 32  
COUNTER NUMBER 9912

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 220.5  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1267.7  
NUMBER DENSITY (NO/CM\*\*3) .37  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.070
7.0 - 9.0	.017
9.0 - 12.0	.005
12.0 - 16.0	.009
16.0 - 21.0	.010
21.0 - 28.0	.012
28.0 - 36.0	.003
36.0 - 47.0	.002
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 200  
DATE 21 JAN 1972  
TIME 19 0 37  
COUNTER NUMBER 9913

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 220.7  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.042
7.0 - 9.0	.010
9.0 - 12.0	.005
12.0 - 16.0	.012
16.0 - 21.0	.008
21.0 - 28.0	.004
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 201  
DATE 21 JAN 1972  
TIME 19 0 42  
COUNTER NUMBER 9914

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 221.0  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .16  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.018
7.0 - 9.0	.014
9.0 - 12.0	.007
12.0 - 16.0	.009
16.0 - 21.0	.004
21.0 - 28.0	.002
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 202  
DATE 21 JAN 1972  
TIME 19 0 47  
COUNTER NUMBER 9915

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 221.2  
  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.014
9.0 - 12.0	.005
12.0 - 16.0	.002
16.0 - 21.0	.001
21.0 - 28.0	.003
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 203  
DATE 21 JAN 1972  
TIME 19 0 52  
COUNTER NUMBER 9916

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 221.2  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1254.8  
NUMBER DENSITY (NO/CM\*\*3) .14  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.021
9.0 - 12.0	.002
12.0 - 16.0	.009
16.0 - 21.0	.004
21.0 - 28.0	.002
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 204  
DATE 21 JAN 1972  
TIME 19 0 57  
COUNTER NUMBER 9917

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 221.3  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .15  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.018
7.0 - 9.0	.010
9.0 - 12.0	0.000
12.0 - 16.0	.012
16.0 - 21.0	.001
21.0 - 28.0	.006
28.0 - 36.0	0.000
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 005 205  
DATE 21 JAN 1972  
TIME 19 1 2  
COUNTER NUMBER 9916

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 221.2  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .08  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.003
9.0 - 12.0	.002
12.0 - 16.0	.002
16.0 - 21.0	.004
21.0 - 28.0	.002
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 206  
DATE 21 JAN 1972  
TIME 19 1 7  
COUNTER NUMBER 9919

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 221.4  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .09  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.010
9.0 - 12.0	.005
12.0 - 16.0	.003
16.0 - 21.0	.003
21.0 - 28.0	.002
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 207  
DATE 21 JAN 1972  
TIME 19 1 12  
COUNTER NUMBER 9920

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 221.9  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.002
16.0 - 21.0	0.000
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 208  
DATE 21 JAN 1972  
TIME 19 1 17  
COUNTER NUMBER 9921

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 222.3  
  
SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .08  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.004
7.0 - 9.0	0.000
9.0 - 12.0	.002
12.0 - 16.0	.003
16.0 - 21.0	.002
21.0 - 28.0	.002
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 209  
DATE 21 JAN 1972  
TIME 19 1 23  
COUNTER NUMBER 9922

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 222.5  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1490.3  
NUMBER DENSITY (NO/CM\*\*3) .12  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	.010
9.0 - 12.0	0.000
12.0 - 16.0	.010
16.0 - 21.0	.001
21.0 - 28.0	.002
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 210  
DATE 21 JAN 1972  
TIME 19 1 28  
COUNTER NUMBER 9923

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 222.7  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .09  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	0.000
9.0 - 12.0	.002
12.0 - 16.0	.012
16.0 - 21.0	.001
21.0 - 28.0	0.000
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 211  
DATE 21 JAN 1972  
TIME 19 1 33  
COUNTER NUMBER 9924

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 222.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1229.1  
NUMBER DENSITY (NO/CM\*\*3) .21  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.039
7.0 - 9.0	.007
9.0 - 12.0	.002
12.0 - 16.0	.004
16.0 - 21.0	0.000
21.0 - 28.0	.004
28.0 - 36.0	.006
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 212  
DATE 21 JAN 1972  
TIME 19 1 38  
COUNTER NUMBER 9925

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 223.1  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .18  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.019
7.0 - 9.0	.014
9.0 - 12.0	.012
12.0 - 16.0	.002
16.0 - 21.0	.003
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 213  
DATE 21 JAN 1972  
TIME 19 1 43  
COUNTER NUMBER 9926

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 223.2  
  
SAMPLED VOLUME (CM\*\*3) 516.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .16  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.012
7.0 - 9.0	.009
9.0 - 12.0	.004
12.0 - 16.0	.007
16.0 - 21.0	.003
21.0 - 28.0	.006
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 214  
DATE 21 JAN 1972  
TIME 19 1 49  
COUNTER NUMBER 9927

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 223.2  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1467.2  
NUMBER DENSITY (NO/CM\*\*3) .20  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.039
7.0 - 9.0	.021
9.0 - 12.0	.005
12.0 - 16.0	.010
16.0 - 21.0	.004
21.0 - 28.0	.003
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 215  
DATE 21 JAN 1972  
TIME 19 1 54  
COUNTER NUMBER 9928

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 223.2  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .22  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.024
9.0 - 12.0	.016
12.0 - 16.0	.003
16.0 - 21.0	.006
21.0 - 28.0	.002
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 216  
DATE 21 JAN 1972  
TIME 19 1 59  
COUNTER NUMBER 9929

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 223.5  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .25  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.033
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.020
16.0 - 21.0	.012
21.0 - 28.0	.005
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 217  
DATE 21 JAN 1972  
TIME 19 2 4  
COUNTER NUMBER 9930

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 223.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .15  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	0.000
9.0 - 12.0	.005
12.0 - 16.0	.012
16.0 - 21.0	.003
21.0 - 28.0	.004
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 218  
DATE 21 JAN 1972  
TIME 19 2 9  
COUNTER NUMBER 9931

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 224.0  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1216.2  
NUMBER DENSITY (NO/CM\*\*3) .18  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.028
7.0 - 9.0	.004
9.0 - 12.0	.002
12.0 - 16.0	.011
16.0 - 21.0	.004
21.0 - 28.0	.003
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 219  
DATE 21 JAN 1972  
TIME 19 2 14  
COUNTER NUMBER 9932

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 224.0  
  
SAMPLED VOLUME (CM\*\*3) 516.0  
SAMPLE INTERVAL (M) 1216.2  
NUMBER DENSITY (NO/CM\*\*3) .21  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	.017
9.0 - 12.0	.004
12.0 - 16.0	.012
16.0 - 21.0	.001
21.0 - 28.0	.006
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 220  
DATE 21 JAN 1972  
TIME 19 2 20  
COUNTER NUMBER 9933

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 223.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1467.2  
NUMBER DENSITY (NO/CM\*\*3) .26  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.028
7.0 - 9.0	.014
9.0 - 12.0	0.000
12.0 - 16.0	.007
16.0 - 21.0	.007
21.0 - 28.0	.011
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 005 221  
DATE 21 JAN 1972  
TIME 19 2 25  
COUNTER NUMBER 9934

AIRCRAFT ALTITUDE (KM) 11.9  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 223.8  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .29  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.003
9.0 - 12.0	.016
12.0 - 16.0	.022
16.0 - 21.0	.003
21.0 - 28.0	.005
28.0 - 36.0	.003
36.0 - 47.0	.003
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	.001

FLIGHT NUMBER 005 222  
DATE 21 JAN 1972  
TIME 19 2 30  
COUNTER NUMBER 9935

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 224.3  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .30  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	.014
9.0 - 12.0	.024
12.0 - 16.0	.009
16.0 - 21.0	.007
21.0 - 28.0	.004
28.0 - 36.0	.003
36.0 - 47.0	.002
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 223  
DATE 21 JAN 1972  
TIME 19 2 35  
COUNTER NUMBER 9936

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 224.7  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .30  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.019
7.0 - 9.0	.033
9.0 - 12.0	.005
12.0 - 16.0	.016
16.0 - 21.0	.012
21.0 - 28.0	.004
28.0 - 36.0	0.000
36.0 - 47.0	.003
47.0 - 62.0	.000
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 224  
DATE 21 JAN 1972  
TIME 19 2 40  
COUNTER NUMBER 9937

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 225.0  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .35  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.024
9.0 - 12.0	0.000
12.0 - 16.0	.027
16.0 - 21.0	.019
21.0 - 28.0	.007
28.0 - 36.0	.003
36.0 - 47.0	.002
47.0 - 62.0	.000
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 225  
DATE 21 JAN 1972  
TIME 19 2 45  
COUNTER NUMBER 9938

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 225.2  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1216.2  
NUMBER DENSITY (NO/CM\*\*3) .28  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.044
7.0 - 9.0	.007
9.0 - 12.0	.012
12.0 - 16.0	.015
16.0 - 21.0	.006
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 226  
DATE 21 JAN 1972  
TIME 19 2 50  
COUNTER NUMBER 9939

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 225.9  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) .26  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.039
7.0 - 9.0	.007
9.0 - 12.0	.002
12.0 - 16.0	.012
16.0 - 21.0	.012
21.0 - 28.0	.006
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 227  
DATE 21 JAN 1972  
TIME 19 2 55  
COUNTER NUMBER 9940

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 226.7  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1216.2  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.033
7.0 - 9.0	.007
9.0 - 12.0	.014
12.0 - 16.0	.009
16.0 - 21.0	.006
21.0 - 28.0	.002
28.0 - 36.0	.005
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 228  
DATE 21 JAN 1972  
TIME 19 3 1  
COUNTER NUMBER 9941

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 226.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1467.2  
NUMBER DENSITY (NO/CM\*\*3) .26  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.019
7.0 - 9.0	.010
9.0 - 12.0	.019
12.0 - 16.0	.009
16.0 - 21.0	.001
21.0 - 28.0	.007
28.0 - 36.0	.004
36.0 - 47.0	.002
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 005 229  
DATE 21 JAN 1972  
TIME 19 3 6  
COUNTER NUMBER 9942

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 227.0  
  
SAMPLED VOLUME (CM\*\*3) 516.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .18  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.012
7.0 - 9.0	.012
9.0 - 12.0	.008
12.0 - 16.0	0.000
16.0 - 21.0	.008
21.0 - 28.0	.005
28.0 - 36.0	.001
36.0 - 47.0	.003
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 230  
DATE 21 JAN 1972  
TIME 19 3 12  
COUNTER NUMBER 9943

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 227.5  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1459.5  
NUMBER DENSITY (NO/CM\*\*3) .18  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.024
7.0 - 9.0	.018
9.0 - 12.0	.007
12.0 - 16.0	.009
16.0 - 21.0	.003
21.0 - 28.0	.004
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 231  
DATE 21 JAN 1972  
TIME 19 3 17  
COUNTER NUMBER 9944

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 227.6  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) .12  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.014
9.0 - 12.0	.002
12.0 - 16.0	0.000
16.0 - 21.0	.006
21.0 - 28.0	.001
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 232  
DATE 21 JAN 1972  
TIME 19 3 22  
COUNTER NUMBER 9945

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 227.7  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) .13  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.024
7.0 - 9.0	0.000
9.0 - 12.0	.002
12.0 - 16.0	.007
16.0 - 21.0	.003
21.0 - 28.0	.005
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 233  
DATE 21 JAN 1972  
TIME 19 3 27  
COUNTER NUMBER 9946

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 227.8  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) .08  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	0.000
9.0 - 12.0	.002
12.0 - 16.0	.007
16.0 - 21.0	.004
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 234  
DATE 21 JAN 1972  
TIME 19 3 32  
COUNTER NUMBER 9947

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 227.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1216.2  
NUMBER DENSITY (NO/CM\*\*3) .15  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.014
9.0 - 12.0	.007
12.0 - 16.0	0.000
16.0 - 21.0	.006
21.0 - 28.0	.006
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 235  
DATE 21 JAN 1972  
TIME 19 3 37  
COUNTER NUMBER 9948

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 228.1  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.003
9.0 - 12.0	.002
12.0 - 16.0	.005
16.0 - 21.0	.001
21.0 - 28.0	.003
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 236  
DATE 21 JAN 1972  
TIME 19 3 42  
COUNTER NUMBER 9949

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 228.7  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1216.2  
NUMBER DENSITY (NO/CM\*\*3) .14  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.014
9.0 - 12.0	.007
12.0 - 16.0	.007
16.0 - 21.0	0.000
21.0 - 28.0	.001
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 237  
DATE 21 JAN 1972  
TIME 19 3 47  
COUNTER NUMBER 9950

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 228.6  
  
SAMPLED VOLUME (CM\*\*3) 340.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) .17  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.018
7.0 - 9.0	.004
9.0 - 12.0	.006
12.0 - 16.0	.004
16.0 - 21.0	.009
21.0 - 28.0	.004
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 238  
DATE 21 JAN 1972  
TIME 19 3 51  
COUNTER NUMBER 9951

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 228.7  
  
SAMPLED VOLUME (CM\*\*3) 595.0  
SAMPLE INTERVAL (M) 967.8  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.010
7.0 - 9.0	.008
9.0 - 12.0	.005
12.0 - 16.0	.003
16.0 - 21.0	.004
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 239  
DATE 21 JAN 1972  
TIME 19 3 58  
COUNTER NUMBER 9952

AIRCRAFT ALTITUDE (KM) 11.0  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 228.9  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1693.7  
NUMBER DENSITY (NO/CM\*\*3) .08  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.014
9.0 - 12.0	.002
12.0 - 16.0	0.000
16.0 - 21.0	.001
21.0 - 28.0	.003
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 240  
DATE 21 JAN 1972  
TIME 19 4 3  
COUNTER NUMBER 9953

AIRCRAFT ALTITUDE (KM) 11.0  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) .13  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.007
9.0 - 12.0	.002
12.0 - 16.0	.007
16.0 - 21.0	0.000
21.0 - 28.0	.004
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 241  
DATE 21 JAN 1972  
TIME 19 4 8  
COUNTER NUMBER 9954

AIRCRAFT ALTITUDE (KM) 11.0  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) .13  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.024
7.0 - 9.0	.011
9.0 - 12.0	.007
12.0 - 16.0	.002
16.0 - 21.0	.001
21.0 - 28.0	.003
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 242  
DATE 21 JAN 1972  
TIME 19 4 13  
COUNTER NUMBER 9955

AIRCRAFT ALTITUDE (KM) 11.0  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 510.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.008
7.0 - 9.0	.003
9.0 - 12.0	.002
12.0 - 16.0	0.000
16.0 - 21.0	.001
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 243  
DATE 21 JAN 1972  
TIME 19 4 19  
COUNTER NUMBER 9956

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1451.7  
NUMBER DENSITY (NO/CM\*\*3) .16  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.024
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.007
16.0 - 21.0	.006
21.0 - 28.0	.009
28.0 - 36.0	0.000
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 244  
DATE 21 JAN 1972  
TIME 19 4 24  
COUNTER NUMBER 9957

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) .19  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.011
9.0 - 12.0	.007
12.0 - 16.0	.009
16.0 - 21.0	.004
21.0 - 28.0	.004
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 245  
DATE 21 JAN 1972  
TIME 19 4 29  
COUNTER NUMBER 9958

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1216.2  
NUMBER DENSITY (NO/CM\*\*3) .30  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.033
7.0 - 9.0	.010
9.0 - 12.0	.007
12.0 - 16.0	.012
16.0 - 21.0	.010
21.0 - 28.0	.009
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 246  
DATE 21 JAN 1972  
TIME 19 4 34  
COUNTER NUMBER 9959

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .23  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.017
9.0 - 12.0	.012
12.0 - 16.0	.010
16.0 - 21.0	.008
21.0 - 28.0	.006
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 247  
DATE 21 JAN 1972  
TIME 19 4 39  
COUNTER NUMBER 9960

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .17  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.003
9.0 - 12.0	.009
12.0 - 16.0	.009
16.0 - 21.0	.006
21.0 - 28.0	.004
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 248  
DATE 21 JAN 1972  
TIME 19 4 44  
COUNTER NUMBER 9961

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .20  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.014
9.0 - 12.0	.007
12.0 - 16.0	0.000
16.0 - 21.0	.010
21.0 - 28.0	.007
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 249  
DATE 21 JAN 1972  
TIME 19 4 49  
COUNTER NUMBER 9962

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .22  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	.010
9.0 - 12.0	.014
12.0 - 16.0	.005
16.0 - 21.0	.007
21.0 - 28.0	.007
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 250  
DATE 21 JAN 1972  
TIME 19 4 55  
COUNTER NUMBER 9963

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1467.2  
NUMBER DENSITY (NO/CM\*\*3) .11  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.010
9.0 - 12.0	0.000
12.0 - 16.0	.003
16.0 - 21.0	.006
21.0 - 28.0	.003
28.0 - 36.0	0.000
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 251  
DATE 21 JAN 1972  
TIME 19 5 0  
COUNTER NUMBER 9964

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) .11  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.019
7.0 - 9.0	.007
9.0 - 12.0	.005
12.0 - 16.0	.004
16.0 - 21.0	.001
21.0 - 28.0	.004
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 252  
DATE 21 JAN 1972  
TIME 19 5 5  
COUNTER NUMBER 9965

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .17  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.011
9.0 - 12.0	.002
12.0 - 16.0	.012
16.0 - 21.0	.006
21.0 - 28.0	.004
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 005 253  
DATE 21 JAN 1972  
TIME 19 5 10  
COUNTER NUMBER 9966

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1190.5  
NUMBER DENSITY (NO/CM\*\*3) .11  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	0.000
9.0 - 12.0	.014
12.0 - 16.0	.005
16.0 - 21.0	.003
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 254  
DATE 21 JAN 1972  
TIME 19 5 15  
COUNTER NUMBER 9967

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1184.0  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	0.000
9.0 - 12.0	.005
12.0 - 16.0	0.000
16.0 - 21.0	.003
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 255  
DATE 21 JAN 1972  
TIME 19 5 20  
COUNTER NUMBER 9968

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 234.2  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 498.0  
SAMPLE INTERVAL (M) 1177.6  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.004
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 256  
DATE 21 JAN 1972  
TIME 19 5 26  
COUNTER NUMBER 9969

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 231.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 328.0  
SAMPLE INTERVAL (M) 1397.7  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.005
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.002
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 257  
DATE 21 JAN 1972  
TIME 19 5 30  
COUNTER NUMBER 9970

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 231.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 410.0  
SAMPLE INTERVAL (M) 926.6  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.004
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 258  
DATE 21 JAN 1972  
TIME 19 9 46  
COUNTER NUMBER 1

AIRCRAFT ALTITUDE (KM) 6.7  
AIRCRAFT VELOCITY (M/S) 208.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 150.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 3.61  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.693
7.0 - 9.0	.727
9.0 - 12.0	.284
12.0 - 16.0	.057
16.0 - 21.0	.008
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 259  
DATE 21 JAN 1972  
TIME 19 9 48  
COUNTER NUMBER 2

AIRCRAFT ALTITUDE (KM) 6.7  
AIRCRAFT VELOCITY (M/S) 208.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 245.0  
SAMPLE INTERVAL (M) 417.0  
NUMBER DENSITY (NO/CM\*\*3) 3.70  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.833
7.0 - 9.0	.589
9.0 - 12.0	.327
12.0 - 16.0	.069
16.0 - 21.0	.003
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 260  
DATE 21 JAN 1972  
TIME 19 9 51  
COUNTER NUMBER 3

AIRCRAFT ALTITUDE (KM) 6.7  
AIRCRAFT VELOCITY (M/S) 208.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 150.0  
SAMPLE INTERVAL (M) 625.5  
NUMBER DENSITY (NO/CM\*\*3) .08  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.053
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 261  
DATE 21 JAN 1972  
TIME 19 9 53  
COUNTER NUMBER 4

AIRCRAFT ALTITUDE (KM) 6.7  
AIRCRAFT VELOCITY (M/S) 208.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 150.0  
SAMPLE INTERVAL (M) 417.0  
NUMBER DENSITY (NO/CM\*\*3) 3.38  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.982
7.0 - 9.0	.457
9.0 - 12.0	.236
12.0 - 16.0	.057
16.0 - 21.0	.012
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 262  
DATE 21 JAN 1972  
TIME 19 9 55  
COUNTER NUMBER 5

AIRCRAFT ALTITUDE (KM) 6.7  
AIRCRAFT VELOCITY (M/S) 208.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 150.0  
SAMPLE INTERVAL (M) 417.0  
NUMBER DENSITY (NO/CM\*\*3) 14.07  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.347
7.0 - 9.0	2.363
9.0 - 12.0	1.193
12.0 - 16.0	.458
16.0 - 21.0	.079
21.0 - 28.0	.003
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 263  
DATE 21 JAN 1972  
TIME 19 9 57  
COUNTER NUMBER 6

AIRCRAFT ALTITUDE (KM) 6.7  
AIRCRAFT VELOCITY (M/S) 208.5  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 225.0  
SAMPLE INTERVAL (M) 417.0  
NUMBER DENSITY (NO/CM\*\*3) 5.60  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.841
7.0 - 9.0	.929
9.0 - 12.0	.606
12.0 - 16.0	.146
16.0 - 21.0	.013
21.0 - 28.0	.002
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 264  
DATE 21 JAN 1972  
TIME 19 10 0  
COUNTER NUMBER 7

AIRCRAFT ALTITUDE (KM) 6.7  
AIRCRAFT VELOCITY (M/S) 200.8  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 146.0  
SAMPLE INTERVAL (M) 613.9  
NUMBER DENSITY (NO/CM\*\*3) .55  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.114
7.0 - 9.0	.116
9.0 - 12.0	.021
12.0 - 16.0	.015
16.0 - 21.0	.004
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 005 265  
 DATE 21 JAN 1972  
 TIME 19 10 4  
 COUNTER NUMBER 9

AIRCRAFT ALTITUDE (KM) 6.7  
 AIRCRAFT VELOCITY (M/S) 200.8  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 146.0  
 SAMPLE INTERVAL (M) 803.1  
 NUMBER DENSITY (NO/CM\*\*3) 2.35  
 LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.457
7.0 - 9.0	.545
9.0 - 12.0	.171
12.0 - 16.0	.015
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 266  
 DATE 21 JAN 1972  
 TIME 19 10 9  
 COUNTER NUMBER 11

AIRCRAFT ALTITUDE (KM) 6.7  
 AIRCRAFT VELOCITY (M/S) 200.8  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 146.0  
 SAMPLE INTERVAL (M) 1003.9  
 NUMBER DENSITY (NO/CM\*\*3) .08  
 LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.027
7.0 - 9.0	.010
9.0 - 12.0	.007
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 267  
 DATE 21 JAN 1972  
 TIME 19 10 17  
 COUNTER NUMBER 15

AIRCRAFT ALTITUDE (KM) 6.7  
 AIRCRAFT VELOCITY (M/S) 200.8  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 219.0  
 SAMPLE INTERVAL (M) 1606.2  
 NUMBER DENSITY (NO/CM\*\*3) .46  
 LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.046
7.0 - 9.0	.098
9.0 - 12.0	.043
12.0 - 16.0	.017
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 268  
 DATE 21 JAN 1972  
 TIME 19 10 20  
 COUNTER NUMBER 16

AIRCRAFT ALTITUDE (KM) 6.7  
 AIRCRAFT VELOCITY (M/S) 193.1  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 142.0  
 SAMPLE INTERVAL (M) 590.7  
 NUMBER DENSITY (NO/CM\*\*3) 2.19  
 LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.333
7.0 - 9.0	.534
9.0 - 12.0	.176
12.0 - 16.0	.021
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 269  
 DATE 21 JAN 1972  
 TIME 19 10 24  
 COUNTER NUMBER 18

AIRCRAFT ALTITUDE (KM) 6.7  
 AIRCRAFT VELOCITY (M/S) 193.1  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 142.0  
 SAMPLE INTERVAL (M) 772.2  
 NUMBER DENSITY (NO/CM\*\*3) 5.40  
 LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.845
7.0 - 9.0	1.067
9.0 - 12.0	.131
12.0 - 16.0	.021
16.0 - 21.0	.004
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 270  
 DATE 21 JAN 1972  
 TIME 19 10 28  
 COUNTER NUMBER 20

AIRCRAFT ALTITUDE (KM) 6.7  
 AIRCRAFT VELOCITY (M/S) 190.5  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 210.0  
 SAMPLE INTERVAL (M) 767.1  
 NUMBER DENSITY (NO/CM\*\*3) 5.23  
 LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.381
7.0 - 9.0	.676
9.0 - 12.0	.089
12.0 - 16.0	.011
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 271  
 DATE 21 JAN 1972  
 TIME 19 10 31  
 COUNTER NUMBER 21

AIRCRAFT ALTITUDE (KM) 6.7  
 AIRCRAFT VELOCITY (M/S) 190.5  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 140.0  
 SAMPLE INTERVAL (M) 571.4  
 NUMBER DENSITY (NO/CM\*\*3) .17  
 LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.034
9.0 - 12.0	0.000
12.0 - 16.0	.011
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 272  
 DATE 21 JAN 1972  
 TIME 19 10 52  
 COUNTER NUMBER 31

AIRCRAFT ALTITUDE (KM) 6.7  
 AIRCRAFT VELOCITY (M/S) 187.9  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 138.0  
 SAMPLE INTERVAL (M) 3973.0  
 NUMBER DENSITY (NO/CM\*\*3) 7.62  
 LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.618
7.0 - 9.0	1.301
9.0 - 12.0	.957
12.0 - 16.0	.299
16.0 - 21.0	.004
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 273  
 DATE 21 JAN 1972  
 TIME 19 10 57  
 COUNTER NUMBER 33

AIRCRAFT ALTITUDE (KM) 6.7  
 AIRCRAFT VELOCITY (M/S) 187.9  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 138.0  
 SAMPLE INTERVAL (M) 939.5  
 NUMBER DENSITY (NO/CM\*\*3) 58.78  
 LIQ. WATER CONTENT (GM/M\*\*3) .025

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.831
7.0 - 9.0	11.717
9.0 - 12.0	6.664
12.0 - 16.0	.514
16.0 - 21.0	.009
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 274  
 DATE 21 JAN 1972  
 TIME 19 11 1  
 COUNTER NUMBER 35

AIRCRAFT ALTITUDE (KM) 6.4  
 AIRCRAFT VELOCITY (M/S) 185.3  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 138.0  
 SAMPLE INTERVAL (M) 746.5  
 NUMBER DENSITY (NO/CM\*\*3) 58.99  
 LIQ. WATER CONTENT (GM/M\*\*3) .030

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.870
7.0 - 9.0	11.094
9.0 - 12.0	7.947
12.0 - 16.0	.973
16.0 - 21.0	.054
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 275  
 DATE 21 JAN 1972  
 TIME 19 11 5  
 COUNTER NUMBER 37

AIRCRAFT ALTITUDE (KM) 6.4  
 AIRCRAFT VELOCITY (M/S) 185.3  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 138.0  
 SAMPLE INTERVAL (M) 741.3  
 NUMBER DENSITY (NO/CM\*\*3) 60.07  
 LIQ. WATER CONTENT (GM/M\*\*3) .023

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	10.053
7.0 - 9.0	13.518
9.0 - 12.0	5.804
12.0 - 16.0	.096
16.0 - 21.0	.030
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 276  
 DATE 21 JAN 1972  
 TIME 19 11 10  
 COUNTER NUMBER 39

AIRCRAFT ALTITUDE (KM) 6.4  
 AIRCRAFT VELOCITY (M/S) 182.8  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 136.0  
 SAMPLE INTERVAL (M) 920.2  
 NUMBER DENSITY (NO/CM\*\*3) 38.50  
 LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	15.255
7.0 - 9.0	7.283
9.0 - 12.0	.206
12.0 - 16.0	.092
16.0 - 21.0	.013
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000



FLIGHT NUMBER 005 277  
DATE 21 JAN 1972  
TIME 19 11 14  
COUNTER NUMBER 41

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 182.8  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 136.0  
SAMPLE INTERVAL (M) 731.0  
NUMBER DENSITY (NO/CM\*\*3) 20.50  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.147
7.0 - 9.0	5.445
9.0 - 12.0	.880
12.0 - 16.0	.165
16.0 - 21.0	.018
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 278  
DATE 21 JAN 1972  
TIME 19 11 19  
COUNTER NUMBER 43

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 182.8  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 136.0  
SAMPLE INTERVAL (M) 913.8  
NUMBER DENSITY (NO/CM\*\*3) 18.82  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.824
7.0 - 9.0	2.574
9.0 - 12.0	.130
12.0 - 16.0	.011
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 279  
DATE 21 JAN 1972  
TIME 19 11 23  
COUNTER NUMBER 45

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 182.8  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 136.0  
SAMPLE INTERVAL (M) 731.0  
NUMBER DENSITY (NO/CM\*\*3) 3.18  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.917
7.0 - 9.0	.482
9.0 - 12.0	.206
12.0 - 16.0	.039
16.0 - 21.0	.013
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 280  
DATE 21 JAN 1972  
TIME 19 11 28  
COUNTER NUMBER 47

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 182.8  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 136.0  
SAMPLE INTERVAL (M) 913.8  
NUMBER DENSITY (NO/CM\*\*3) 2.23  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.240
7.0 - 9.0	.184
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 281  
DATE 21 JAN 1972  
TIME 19 11 35  
COUNTER NUMBER 50

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 177.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 132.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .16  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.030
7.0 - 9.0	.045
9.0 - 12.0	.008
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 282  
DATE 21 JAN 1972  
TIME 19 11 56  
COUNTER NUMBER 60

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 177.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 132.0  
SAMPLE INTERVAL (M) 3729.7  
NUMBER DENSITY (NO/CM\*\*3) .02  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.015
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 283  
DATE 21 JAN 1972  
TIME 19 11 58  
COUNTER NUMBER 61

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 134.0  
SAMPLE INTERVAL (M) 357.8  
NUMBER DENSITY (NO/CM\*\*3) 1.62  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.572
7.0 - 9.0	.291
9.0 - 12.0	.052
12.0 - 16.0	.006
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 284  
DATE 21 JAN 1972  
TIME 19 12 2  
COUNTER NUMBER 63

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 720.7  
NUMBER DENSITY (NO/CM\*\*3) 30.10  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.174
7.0 - 9.0	5.784
9.0 - 12.0	2.284
12.0 - 16.0	.231
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 285  
DATE 21 JAN 1972  
TIME 19 12 5  
COUNTER NUMBER 65

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 134.0  
SAMPLE INTERVAL (M) 540.5  
NUMBER DENSITY (NO/CM\*\*3) 12.40  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.443
7.0 - 9.0	1.619
9.0 - 12.0	.692
12.0 - 16.0	.104
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 286  
DATE 21 JAN 1972  
TIME 19 12 9  
COUNTER NUMBER 66

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 189.9  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 128.0  
SAMPLE INTERVAL (M) 700.1  
NUMBER DENSITY (NO/CM\*\*3) .09  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.031
7.0 - 9.0	.012
9.0 - 12.0	.008
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 287  
DATE 21 JAN 1972  
TIME 19 12 13  
COUNTER NUMBER 71

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 674.4  
NUMBER DENSITY (NO/CM\*\*3) .33  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.127
7.0 - 9.0	.071
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 288  
DATE 21 JAN 1972  
TIME 19 12 15  
COUNTER NUMBER 73

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 342.3  
NUMBER DENSITY (NO/CM\*\*3) .36  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.091
9.0 - 12.0	.061
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 005 289  
DATE 21 JAN 1972  
TIME 19 12 18  
COUNTER NUMBER 75

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 525.1  
NUMBER DENSITY (NO/CM\*\*3) .88  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.434
7.0 - 9.0	.114
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 290  
DATE 21 JAN 1972  
TIME 19 12 20  
COUNTER NUMBER 77

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 350.1  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.030
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 291  
DATE 21 JAN 1972  
TIME 19 12 25  
COUNTER NUMBER 81

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 875.2  
NUMBER DENSITY (NO/CM\*\*3) .68  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.182
7.0 - 9.0	.136
9.0 - 12.0	.045
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 292  
DATE 21 JAN 1972  
TIME 19 12 28  
COUNTER NUMBER 82

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 175.0  
NUMBER DENSITY (NO/CM\*\*3) 3.76  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.101
7.0 - 9.0	.591
9.0 - 12.0	.217
12.0 - 16.0	.034
16.0 - 21.0	.018
21.0 - 28.0	.006
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 293  
DATE 21 JAN 1972  
TIME 19 12 30  
COUNTER NUMBER 85

AIRCRAFT ALTITUDE (KM) 6.1  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 700.1  
NUMBER DENSITY (NO/CM\*\*3) 21.64  
LIQ. WATER CONTENT (GM/M\*\*3) .009

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.970
7.0 - 9.0	3.879
9.0 - 12.0	.470
12.0 - 16.0	.330
16.0 - 21.0	.121
21.0 - 28.0	.013
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 294  
DATE 21 JAN 1972  
TIME 19 12 31  
COUNTER NUMBER 86

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 175.0  
NUMBER DENSITY (NO/CM\*\*3) 4.39  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.020
7.0 - 9.0	.591
9.0 - 12.0	.045
12.0 - 16.0	0.000
16.0 - 21.0	.009
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 295  
DATE 21 JAN 1972  
TIME 19 12 32  
COUNTER NUMBER 87

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 175.0  
NUMBER DENSITY (NO/CM\*\*3) 18.53  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.505
7.0 - 9.0	2.841
9.0 - 12.0	1.025
12.0 - 16.0	.519
16.0 - 21.0	.152
21.0 - 28.0	.026
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 296  
DATE 21 JAN 1972  
TIME 19 12 36  
COUNTER NUMBER 90

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 700.1  
NUMBER DENSITY (NO/CM\*\*3) 41.44  
LIQ. WATER CONTENT (GM/M\*\*3) .013

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	11.960
7.0 - 9.0	8.379
9.0 - 12.0	1.843
12.0 - 16.0	.258
16.0 - 21.0	.036
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 297  
DATE 21 JAN 1972  
TIME 19 12 40  
COUNTER NUMBER 94

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 700.1  
NUMBER DENSITY (NO/CM\*\*3) 42.44  
LIQ. WATER CONTENT (GM/M\*\*3) .013

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	10.566
7.0 - 9.0	9.750
9.0 - 12.0	2.192
12.0 - 16.0	.106
16.0 - 21.0	.018
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 298  
DATE 21 JAN 1972  
TIME 19 12 45  
COUNTER NUMBER 98

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 875.2  
NUMBER DENSITY (NO/CM\*\*3) 74.70  
LIQ. WATER CONTENT (GM/M\*\*3) .029

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	10.859
7.0 - 9.0	17.235
9.0 - 12.0	7.778
12.0 - 16.0	.152
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 299  
DATE 21 JAN 1972  
TIME 19 12 50  
COUNTER NUMBER 102

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 875.2  
NUMBER DENSITY (NO/CM\*\*3) 54.24  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	13.667
7.0 - 9.0	14.152
9.0 - 12.0	1.813
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 300  
DATE 21 JAN 1972  
TIME 19 12 55  
COUNTER NUMBER 106

AIRCRAFT ALTITUDE (KM) 6.4  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 875.2  
NUMBER DENSITY (NO/CM\*\*3) 36.39  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	15.182
7.0 - 9.0	6.720
9.0 - 12.0	.061
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005	301	FLIGHT NUMBER 005	302	FLIGHT NUMBER 005	303
DATE 21 JAN 1972		DATE 21 JAN 1972		DATE 21 JAN 1972	
TIME 19 15 0		TIME 19 22 12		TIME 19 22 17	
COUNTER NUMBER 110		COUNTER NUMBER 224		COUNTER NUMBER 225	
AIRCRAFT ALTITUDE (KM)	6.4	AIRCRAFT ALTITUDE (KM)	10.1	AIRCRAFT ALTITUDE (KM)	10.1
AIRCRAFT VELOCITY (M/S)	175.0	AIRCRAFT VELOCITY (M/S)	257.4	AIRCRAFT VELOCITY (M/S)	257.4
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	66.0	SAMPLED VOLUME (CM**3)	450.0	SAMPLED VOLUME (CM**3)	450.0
SAMPLE INTERVAL (M)	875.2	SAMPLE INTERVAL (M)	0.0	SAMPLE INTERVAL (M)	1287.0
NUMBER DENSITY (NO/CM**3)	.09	NUMBER DENSITY (NO/CM**3)	.30	NUMBER DENSITY (NO/CM**3)	.38
LIG. WATER CONTENT (GM/M**3)	.006	LIG. WATER CONTENT (GM/M**3)	.001	LIG. WATER CONTENT (GM/M**3)	.003
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.061	5.5 - 7.0	.009	5.5 - 7.0	.027
7.0 - 9.0	.000	7.0 - 9.0	.017	7.0 - 9.0	.031
9.0 - 12.0	.000	9.0 - 12.0	.013	9.0 - 12.0	.019
12.0 - 16.0	.000	12.0 - 16.0	.016	12.0 - 16.0	.012
16.0 - 21.0	.000	16.0 - 21.0	.007	16.0 - 21.0	.015
21.0 - 28.0	.000	21.0 - 28.0	.013	21.0 - 28.0	.007
28.0 - 36.0	.000	28.0 - 36.0	.002	28.0 - 36.0	.002
36.0 - 47.0	.000	36.0 - 47.0	.001	36.0 - 47.0	.002
47.0 - 62.0	.000	47.0 - 62.0	0.000	47.0 - 62.0	.000
62.0 - 82.0	.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000

FLIGHT NUMBER 005	304	FLIGHT NUMBER 005	305	FLIGHT NUMBER 005	306
DATE 21 JAN 1972		DATE 21 JAN 1972		DATE 21 JAN 1972	
TIME 19 22 22		TIME 19 22 27		TIME 19 22 32	
COUNTER NUMBER 220		COUNTER NUMBER 227		COUNTER NUMBER 228	
AIRCRAFT ALTITUDE (KM)	10.1	AIRCRAFT ALTITUDE (KM)	10.1	AIRCRAFT ALTITUDE (KM)	10.1
AIRCRAFT VELOCITY (M/S)	252.3	AIRCRAFT VELOCITY (M/S)	254.8	AIRCRAFT VELOCITY (M/S)	252.3
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	440.0	SAMPLED VOLUME (CM**3)	445.0	SAMPLED VOLUME (CM**3)	440.0
SAMPLE INTERVAL (M)	1274.1	SAMPLE INTERVAL (M)	1267.7	SAMPLE INTERVAL (M)	1267.7
NUMBER DENSITY (NO/CM**3)	.33	NUMBER DENSITY (NO/CM**3)	.34	NUMBER DENSITY (NO/CM**3)	.38
LIG. WATER CONTENT (GM/M**3)	.004	LIG. WATER CONTENT (GM/M**3)	.002	LIG. WATER CONTENT (GM/M**3)	.002
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.014	5.5 - 7.0	.027	5.5 - 7.0	.038
7.0 - 9.0	.017	7.0 - 9.0	.010	7.0 - 9.0	.024
9.0 - 12.0	.007	9.0 - 12.0	.021	9.0 - 12.0	0.000
12.0 - 16.0	.003	12.0 - 16.0	.005	12.0 - 16.0	.018
16.0 - 21.0	.020	16.0 - 21.0	.014	16.0 - 21.0	.010
21.0 - 28.0	.015	21.0 - 28.0	.015	21.0 - 28.0	.012
28.0 - 36.0	.003	28.0 - 36.0	.003	28.0 - 36.0	.007
36.0 - 47.0	.001	36.0 - 47.0	0.000	36.0 - 47.0	.001
47.0 - 62.0	.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000

FLIGHT NUMBER 005	307	FLIGHT NUMBER 005	308	FLIGHT NUMBER 005	309
DATE 21 JAN 1972		DATE 21 JAN 1972		DATE 21 JAN 1972	
TIME 19 22 37		TIME 19 22 43		TIME 19 22 48	
COUNTER NUMBER 229		COUNTER NUMBER 230		COUNTER NUMBER 231	
AIRCRAFT ALTITUDE (KM)	10.1	AIRCRAFT ALTITUDE (KM)	10.1	AIRCRAFT ALTITUDE (KM)	10.1
AIRCRAFT VELOCITY (M/S)	252.3	AIRCRAFT VELOCITY (M/S)	249.7	AIRCRAFT VELOCITY (M/S)	249.7
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	528.0	SAMPLED VOLUME (CM**3)	435.0	SAMPLED VOLUME (CM**3)	435.0
SAMPLE INTERVAL (M)	1261.3	SAMPLE INTERVAL (M)	1505.8	SAMPLE INTERVAL (M)	1248.4
NUMBER DENSITY (NO/CM**3)	.27	NUMBER DENSITY (NO/CM**3)	.36	NUMBER DENSITY (NO/CM**3)	.51
LIG. WATER CONTENT (GM/M**3)	.001	LIG. WATER CONTENT (GM/M**3)	.002	LIG. WATER CONTENT (GM/M**3)	.004
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.032	5.5 - 7.0	.048	5.5 - 7.0	.005
7.0 - 9.0	.011	7.0 - 9.0	.017	7.0 - 9.0	.017
9.0 - 12.0	.004	9.0 - 12.0	.009	9.0 - 12.0	.035
12.0 - 16.0	.015	12.0 - 16.0	.020	12.0 - 16.0	.029
16.0 - 21.0	.011	16.0 - 21.0	.001	16.0 - 21.0	.020
21.0 - 28.0	.010	21.0 - 28.0	.011	21.0 - 28.0	.009
28.0 - 36.0	0.000	28.0 - 36.0	.005	28.0 - 36.0	.004
36.0 - 47.0	.001	36.0 - 47.0	.002	36.0 - 47.0	.004
47.0 - 62.0	.000	47.0 - 62.0	0.000	47.0 - 62.0	.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000

FLIGHT NUMBER 005	310	FLIGHT NUMBER 005	311	FLIGHT NUMBER 005	312
DATE 21 JAN 1972		DATE 21 JAN 1972		DATE 21 JAN 1972	
TIME 19 22 53		TIME 19 22 58		TIME 19 23 3	
COUNTER NUMBER 234		COUNTER NUMBER 233		COUNTER NUMBER 234	
AIRCRAFT ALTITUDE (KM)	10.4	AIRCRAFT ALTITUDE (KM)	10.4	AIRCRAFT ALTITUDE (KM)	10.4
AIRCRAFT VELOCITY (M/S)	249.7	AIRCRAFT VELOCITY (M/S)	249.7	AIRCRAFT VELOCITY (M/S)	249.7
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	435.0	SAMPLED VOLUME (CM**3)	435.0	SAMPLED VOLUME (CM**3)	522.0
SAMPLE INTERVAL (M)	1248.4	SAMPLE INTERVAL (M)	1248.4	SAMPLE INTERVAL (M)	1248.4
NUMBER DENSITY (NO/CM**3)	.56	NUMBER DENSITY (NO/CM**3)	.62	NUMBER DENSITY (NO/CM**3)	.39
LIG. WATER CONTENT (GM/M**3)	.005	LIG. WATER CONTENT (GM/M**3)	.004	LIG. WATER CONTENT (GM/M**3)	.002
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.043	5.5 - 7.0	.028	5.5 - 7.0	.027
7.0 - 9.0	.032	7.0 - 9.0	.053	7.0 - 9.0	.030
9.0 - 12.0	.014	9.0 - 12.0	.014	9.0 - 12.0	.011
12.0 - 16.0	.030	12.0 - 16.0	.026	12.0 - 16.0	.007
16.0 - 21.0	.021	16.0 - 21.0	.026	16.0 - 21.0	.021
21.0 - 28.0	.012	21.0 - 28.0	.016	21.0 - 28.0	.008
28.0 - 36.0	.007	28.0 - 36.0	.006	28.0 - 36.0	.006
36.0 - 47.0	.001	36.0 - 47.0	.003	36.0 - 47.0	.002
47.0 - 62.0	.002	47.0 - 62.0	.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000

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FLIGHT NUMBER 005 313  
DATE 21 JAN 1972  
TIME 19 23 9  
COUNTER NUMBER 235

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1498.4  
NUMBER DENSITY (NO/CM\*\*3) .55  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.043
7.0 - 9.0	.017
9.0 - 12.0	.031
12.0 - 16.0	.018
16.0 - 21.0	.010
21.0 - 28.0	.010
28.0 - 36.0	.007
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 314  
DATE 21 JAN 1972  
TIME 19 23 14  
COUNTER NUMBER 236

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .55  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.052
7.0 - 9.0	.039
9.0 - 12.0	.021
12.0 - 16.0	.010
16.0 - 21.0	.008
21.0 - 28.0	.014
28.0 - 36.0	.015
36.0 - 47.0	.001
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 315  
DATE 21 JAN 1972  
TIME 19 23 19  
COUNTER NUMBER 237

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .54  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.032
7.0 - 9.0	.043
9.0 - 12.0	.031
12.0 - 16.0	.021
16.0 - 21.0	.010
21.0 - 28.0	.015
28.0 - 36.0	.003
36.0 - 47.0	.003
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 316  
DATE 21 JAN 1972  
TIME 19 23 24  
COUNTER NUMBER 238

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .55  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	.036
9.0 - 12.0	0.000
12.0 - 16.0	.021
16.0 - 21.0	.030
21.0 - 28.0	.025
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 317  
DATE 21 JAN 1972  
TIME 19 23 29  
COUNTER NUMBER 239

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .37  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.019
7.0 - 9.0	.011
9.0 - 12.0	.010
12.0 - 16.0	.019
16.0 - 21.0	.020
21.0 - 28.0	.006
28.0 - 36.0	.004
36.0 - 47.0	.002
47.0 - 62.0	.001
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 318  
DATE 21 JAN 1972  
TIME 19 23 35  
COUNTER NUMBER 240

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1498.4  
NUMBER DENSITY (NO/CM\*\*3) .60  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	.036
9.0 - 12.0	.028
12.0 - 16.0	.007
16.0 - 21.0	.024
21.0 - 28.0	.026
28.0 - 36.0	.004
36.0 - 47.0	.002
47.0 - 62.0	.001
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 319  
DATE 21 JAN 1972  
TIME 19 23 40  
COUNTER NUMBER 241

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .51  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.066
7.0 - 9.0	.024
9.0 - 12.0	.016
12.0 - 16.0	.029
16.0 - 21.0	.017
21.0 - 28.0	.008
28.0 - 36.0	.004
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 320  
DATE 21 JAN 1972  
TIME 19 23 45  
COUNTER NUMBER 242

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .47  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.048
7.0 - 9.0	.046
9.0 - 12.0	.007
12.0 - 16.0	.023
16.0 - 21.0	.014
21.0 - 28.0	.012
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 321  
DATE 21 JAN 1972  
TIME 19 23 50  
COUNTER NUMBER 243

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .39  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.018
7.0 - 9.0	.039
9.0 - 12.0	.009
12.0 - 16.0	.014
16.0 - 21.0	.021
21.0 - 28.0	.008
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 322  
DATE 21 JAN 1972  
TIME 19 23 55  
COUNTER NUMBER 244

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .32  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.024
9.0 - 12.0	.005
12.0 - 16.0	.005
16.0 - 21.0	.027
21.0 - 28.0	.009
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 323  
DATE 21 JAN 1972  
TIME 19 24 0  
COUNTER NUMBER 245

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .32  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.048
7.0 - 9.0	.021
9.0 - 12.0	.007
12.0 - 16.0	.010
16.0 - 21.0	.011
21.0 - 28.0	.006
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 324  
DATE 21 JAN 1972  
TIME 19 24 5  
COUNTER NUMBER 246

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .33  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.018
7.0 - 9.0	.043
9.0 - 12.0	.002
12.0 - 16.0	.010
16.0 - 21.0	.013
21.0 - 28.0	.008
28.0 - 36.0	.003
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 325  
DATE 21 JAN 1972  
TIME 19 24 10  
COUNTER NUMBER 247

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .19  
LIC. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	.017
9.0 - 12.0	.010
12.0 - 16.0	.004
16.0 - 21.0	.005
21.0 - 28.0	.003
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 326  
DATE 21 JAN 1972  
TIME 19 24 16  
COUNTER NUMBER 248

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1498.1  
NUMBER DENSITY (NO/CM\*\*3) .22  
LIC. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.021
9.0 - 12.0	.011
12.0 - 16.0	.002
16.0 - 21.0	.007
21.0 - 28.0	.009
28.0 - 36.0	.001
36.0 - 47.0	.002
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 327  
DATE 21 JAN 1972  
TIME 19 24 21  
COUNTER NUMBER 249

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .12  
LIC. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.018
7.0 - 9.0	.014
9.0 - 12.0	.005
12.0 - 16.0	.005
16.0 - 21.0	.003
21.0 - 28.0	0.000
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	.000

FLIGHT NUMBER 005 328  
DATE 21 JAN 1972  
TIME 19 24 26  
COUNTER NUMBER 250

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIC. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.017
9.0 - 12.0	.005
12.0 - 16.0	.005
16.0 - 21.0	.005
21.0 - 28.0	.005
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 329  
DATE 21 JAN 1972  
TIME 19 24 31  
COUNTER NUMBER 251

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .16  
LIC. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.018
7.0 - 9.0	.003
9.0 - 12.0	.009
12.0 - 16.0	.005
16.0 - 21.0	.004
21.0 - 28.0	.007
28.0 - 36.0	0.000
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 330  
DATE 21 JAN 1972  
TIME 19 24 36  
COUNTER NUMBER 252

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .17  
LIC. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.028
7.0 - 9.0	.007
9.0 - 12.0	.011
12.0 - 16.0	.005
16.0 - 21.0	.008
21.0 - 28.0	.002
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 331  
DATE 21 JAN 1972  
TIME 19 24 41  
COUNTER NUMBER 253

AIRCRAFT ALTITUDE (KM) 11.0  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1242.0  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIC. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.010
9.0 - 12.0	.007
12.0 - 16.0	.010
16.0 - 21.0	.003
21.0 - 28.0	.003
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 332  
DATE 21 JAN 1972  
TIME 19 24 46  
COUNTER NUMBER 254

AIRCRAFT ALTITUDE (KM) 11.0  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .12  
LIC. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.019
7.0 - 9.0	.014
9.0 - 12.0	.008
12.0 - 16.0	0.000
16.0 - 21.0	.006
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 333  
DATE 21 JAN 1972  
TIME 19 24 52  
COUNTER NUMBER 255

AIRCRAFT ALTITUDE (KM) 11.0  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1482.6  
NUMBER DENSITY (NO/CM\*\*3) .12  
LIC. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.003
9.0 - 12.0	.002
12.0 - 16.0	.010
16.0 - 21.0	.006
21.0 - 28.0	.002
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 334  
DATE 21 JAN 1972  
TIME 19 24 57  
COUNTER NUMBER 256

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIC. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	.005
12.0 - 16.0	.002
16.0 - 21.0	.001
21.0 - 28.0	.002
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 335  
DATE 21 JAN 1972  
TIME 19 25 2  
COUNTER NUMBER 257

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .12  
LIC. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	0.000
9.0 - 12.0	.005
12.0 - 16.0	.007
16.0 - 21.0	.008
21.0 - 28.0	.002
28.0 - 36.0	0.000
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 336  
DATE 21 JAN 1972  
TIME 19 25 7  
COUNTER NUMBER 258

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .14  
LIC. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.003
9.0 - 12.0	.009
12.0 - 16.0	.005
16.0 - 21.0	.004
21.0 - 28.0	.005
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 005 337  
DATE 21 JAN 1972  
TIME 19 25 12  
COUNTER NUMBER 259

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .32  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.028
7.0 - 9.0	.017
9.0 - 12.0	.007
12.0 - 16.0	.012
16.0 - 21.0	.006
21.0 - 28.0	.013
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 338  
DATE 21 JAN 1972  
TIME 19 25 17  
COUNTER NUMBER 260

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .19  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.015
7.0 - 9.0	.017
9.0 - 12.0	.002
12.0 - 16.0	.003
16.0 - 21.0	.012
21.0 - 28.0	.004
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 339  
DATE 21 JAN 1972  
TIME 19 25 23  
COUNTER NUMBER 261

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1482.6  
NUMBER DENSITY (NO/CM\*\*3) .22  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.010
9.0 - 12.0	.011
12.0 - 16.0	.005
16.0 - 21.0	.003
21.0 - 28.0	.011
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 340  
DATE 21 JAN 1972  
TIME 19 25 28  
COUNTER NUMBER 262

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .15  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.021
9.0 - 12.0	.009
12.0 - 16.0	.003
16.0 - 21.0	.003
21.0 - 28.0	.004
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 341  
DATE 21 JAN 1972  
TIME 19 25 33  
COUNTER NUMBER 263

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .18  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	0.000
9.0 - 12.0	.026
12.0 - 16.0	.009
16.0 - 21.0	.004
21.0 - 28.0	.004
28.0 - 36.0	0.000
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 342  
DATE 21 JAN 1972  
TIME 19 25 38  
COUNTER NUMBER 264

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .22  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.017
9.0 - 12.0	0.000
12.0 - 16.0	.018
16.0 - 21.0	.007
21.0 - 28.0	.006
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 343  
DATE 21 JAN 1972  
TIME 19 25 43  
COUNTER NUMBER 265

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1229.1  
NUMBER DENSITY (NO/CM\*\*3) .30  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.043
7.0 - 9.0	0.000
9.0 - 12.0	.016
12.0 - 16.0	.029
16.0 - 21.0	.013
21.0 - 28.0	.005
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 344  
DATE 21 JAN 1972  
TIME 19 25 48  
COUNTER NUMBER 266

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .30  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.024
9.0 - 12.0	.016
12.0 - 16.0	.018
16.0 - 21.0	.008
21.0 - 28.0	.004
28.0 - 36.0	.003
36.0 - 47.0	.002
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 345  
DATE 21 JAN 1972  
TIME 19 25 53  
COUNTER NUMBER 267

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .27  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.017
9.0 - 12.0	.019
12.0 - 16.0	.012
16.0 - 21.0	.006
21.0 - 28.0	.007
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 346  
DATE 21 JAN 1972  
TIME 19 25 58  
COUNTER NUMBER 268

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .26  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.028
7.0 - 9.0	.003
9.0 - 12.0	.019
12.0 - 16.0	.003
16.0 - 21.0	.008
21.0 - 28.0	.008
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 347  
DATE 21 JAN 1972  
TIME 19 26 3  
COUNTER NUMBER 269

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .22  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.003
9.0 - 12.0	.016
12.0 - 16.0	.007
16.0 - 21.0	.004
21.0 - 28.0	.010
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 348  
DATE 21 JAN 1972  
TIME 19 26 8  
COUNTER NUMBER 270

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 516.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.004
7.0 - 9.0	.003
9.0 - 12.0	.002
12.0 - 16.0	.003
16.0 - 21.0	.003
21.0 - 28.0	0.000
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 349  
 DATE 21 JAN 1972  
 TIME 19 26 14  
 COUNTER NUMBER 271

AIRCRAFT ALTITUDE (KM) 11.6  
 AIRCRAFT VELOCITY (M/S) 244.5  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 430.0  
 SAMPLE INTERVAL (M) 1467.2  
 NUMBER DENSITY (NO/CM\*\*3) .12  
 LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.014
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.008
21.0 - 28.0	.004
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 350  
 DATE 21 JAN 1972  
 TIME 19 26 19  
 COUNTER NUMBER 272

AIRCRAFT ALTITUDE (KM) 11.6  
 AIRCRAFT VELOCITY (M/S) 244.5  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 430.0  
 SAMPLE INTERVAL (M) 1222.6  
 NUMBER DENSITY (NO/CM\*\*3) .16  
 LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.010
9.0 - 12.0	.014
12.0 - 16.0	0.000
16.0 - 21.0	.010
21.0 - 28.0	.004
28.0 - 36.0	0.000
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 351  
 DATE 21 JAN 1972  
 TIME 19 26 24  
 COUNTER NUMBER 273

AIRCRAFT ALTITUDE (KM) 11.6  
 AIRCRAFT VELOCITY (M/S) 244.5  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 516.0  
 SAMPLE INTERVAL (M) 1222.6  
 NUMBER DENSITY (NO/CM\*\*3) .20  
 LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.012
7.0 - 9.0	.017
9.0 - 12.0	.004
12.0 - 16.0	.010
16.0 - 21.0	.005
21.0 - 28.0	.004
28.0 - 36.0	.002
36.0 - 47.0	.002
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 352  
 DATE 21 JAN 1972  
 TIME 19 26 30  
 COUNTER NUMBER 274

AIRCRAFT ALTITUDE (KM) 11.6  
 AIRCRAFT VELOCITY (M/S) 244.5  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 430.0  
 SAMPLE INTERVAL (M) 1467.2  
 NUMBER DENSITY (NO/CM\*\*3) .19  
 LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	.017
9.0 - 12.0	.012
12.0 - 16.0	.010
16.0 - 21.0	.003
21.0 - 28.0	.004
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 353  
 DATE 21 JAN 1972  
 TIME 19 26 35  
 COUNTER NUMBER 275

AIRCRAFT ALTITUDE (KM) 11.6  
 AIRCRAFT VELOCITY (M/S) 244.5  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 430.0  
 SAMPLE INTERVAL (M) 1222.6  
 NUMBER DENSITY (NO/CM\*\*3) .13  
 LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	.010
9.0 - 12.0	.005
12.0 - 16.0	.003
16.0 - 21.0	.007
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 354  
 DATE 21 JAN 1972  
 TIME 19 26 40  
 COUNTER NUMBER 276

AIRCRAFT ALTITUDE (KM) 11.6  
 AIRCRAFT VELOCITY (M/S) 244.5  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 430.0  
 SAMPLE INTERVAL (M) 1222.6  
 NUMBER DENSITY (NO/CM\*\*3) .12  
 LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.007
9.0 - 12.0	.002
12.0 - 16.0	.012
16.0 - 21.0	.001
21.0 - 28.0	.003
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 355  
 DATE 21 JAN 1972  
 TIME 19 26 45  
 COUNTER NUMBER 277

AIRCRAFT ALTITUDE (KM) 11.6  
 AIRCRAFT VELOCITY (M/S) 239.4  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 420.0  
 SAMPLE INTERVAL (M) 1209.8  
 NUMBER DENSITY (NO/CM\*\*3) .05  
 LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.004
9.0 - 12.0	.002
12.0 - 16.0	.002
16.0 - 21.0	.004
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 356  
 DATE 21 JAN 1972  
 TIME 19 26 50  
 COUNTER NUMBER 278

AIRCRAFT ALTITUDE (KM) 11.9  
 AIRCRAFT VELOCITY (M/S) 239.4  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 420.0  
 SAMPLE INTERVAL (M) 1196.9  
 NUMBER DENSITY (NO/CM\*\*3) .02  
 LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.010
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.001
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 357  
 DATE 21 JAN 1972  
 TIME 19 26 55  
 COUNTER NUMBER 279

AIRCRAFT ALTITUDE (KM) 11.9  
 AIRCRAFT VELOCITY (M/S) 239.4  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 420.0  
 SAMPLE INTERVAL (M) 1196.9  
 NUMBER DENSITY (NO/CM\*\*3) .06  
 LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.010
7.0 - 9.0	.007
9.0 - 12.0	.005
12.0 - 16.0	0.000
16.0 - 21.0	.001
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 358  
 DATE 21 JAN 1972  
 TIME 19 27 5  
 COUNTER NUMBER 281

AIRCRAFT ALTITUDE (KM) 11.9  
 AIRCRAFT VELOCITY (M/S) 239.4  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 420.0  
 SAMPLE INTERVAL (M) 2393.8  
 NUMBER DENSITY (NO/CM\*\*3) .56  
 LIQ. WATER CONTENT (GM/M\*\*3) .020

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.024
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	.046
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 359  
 DATE 21 JAN 1972  
 TIME 19 27 26  
 COUNTER NUMBER 285

AIRCRAFT ALTITUDE (KM) 11.9  
 AIRCRAFT VELOCITY (M/S) 239.4  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 420.0  
 SAMPLE INTERVAL (M) 5027.0  
 NUMBER DENSITY (NO/CM\*\*3) .01  
 LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 360  
 DATE 21 JAN 1972  
 TIME 19 28 7  
 COUNTER NUMBER 293

AIRCRAFT ALTITUDE (KM) 12.2  
 AIRCRAFT VELOCITY (M/S) 244.5  
 AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 516.0  
 SAMPLE INTERVAL (M) 9920.2  
 NUMBER DENSITY (NO/CM\*\*3) .97  
 LIQ. WATER CONTENT (GM/M\*\*3) .016

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.056
7.0 - 9.0	.048
9.0 - 12.0	0.000
12.0 - 16.0	.014
16.0 - 21.0	0.000
21.0 - 28.0	.004
28.0 - 36.0	.066
36.0 - 47.0	.017
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 005 361  
DATE 21 JAN 1972  
TIME 19 28 13  
COUNTER NUMBER 294

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1467.2  
NUMBER DENSITY (NO/CM\*\*3) 2.26  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.118
7.0 - 9.0	.014
9.0 - 12.0	0.000
12.0 - 16.0	.009
16.0 - 21.0	.029
21.0 - 28.0	.015
28.0 - 36.0	.002
36.0 - 47.0	.023
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 362  
DATE 21 JAN 1972  
TIME 19 28 18  
COUNTER NUMBER 295

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) 3.00  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.927
7.0 - 9.0	.014
9.0 - 12.0	.002
12.0 - 16.0	.007
16.0 - 21.0	.003
21.0 - 28.0	0.000
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 363  
DATE 21 JAN 1972  
TIME 19 28 23  
COUNTER NUMBER 296

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) 1.53  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.958
7.0 - 9.0	.010
9.0 - 12.0	.007
12.0 - 16.0	.005
16.0 - 21.0	.001
21.0 - 28.0	.004
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 364  
DATE 21 JAN 1972  
TIME 19 28 28  
COUNTER NUMBER 297

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) 9.07  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.983
7.0 - 9.0	.003
9.0 - 12.0	.007
12.0 - 16.0	.010
16.0 - 21.0	.003
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 365  
DATE 21 JAN 1972  
TIME 19 28 33  
COUNTER NUMBER 298

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) 7.30  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.795
7.0 - 9.0	.010
9.0 - 12.0	.007
12.0 - 16.0	.005
16.0 - 21.0	.001
21.0 - 28.0	.004
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 366  
DATE 21 JAN 1972  
TIME 19 28 38  
COUNTER NUMBER 299

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 516.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) 21.46  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	14.244
7.0 - 9.0	.012
9.0 - 12.0	.002
12.0 - 16.0	.006
16.0 - 21.0	.003
21.0 - 28.0	.002
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 367  
DATE 21 JAN 1972  
TIME 19 28 44  
COUNTER NUMBER 300

AIRCRAFT ALTITUDE (KM) 12.5  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1467.2  
NUMBER DENSITY (NO/CM\*\*3) 16.31  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	10.552
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.022
28.0 - 36.0	.020
36.0 - 47.0	.012
47.0 - 62.0	.002
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 368  
DATE 21 JAN 1972  
TIME 19 28 49  
COUNTER NUMBER 301

AIRCRAFT ALTITUDE (KM) 12.5  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1209.8  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.002
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 369  
DATE 21 JAN 1972  
TIME 19 29 15  
COUNTER NUMBER 306

AIRCRAFT ALTITUDE (KM) 12.5  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 6223.9  
NUMBER DENSITY (NO/CM\*\*3) .62  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.044
7.0 - 9.0	.040
9.0 - 12.0	.005
12.0 - 16.0	.026
16.0 - 21.0	.018
21.0 - 28.0	.018
28.0 - 36.0	.010
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 370  
DATE 21 JAN 1972  
TIME 19 29 20  
COUNTER NUMBER 317

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .35  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.040
9.0 - 12.0	.014
12.0 - 16.0	0.000
16.0 - 21.0	.027
21.0 - 28.0	.012
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 371  
DATE 21 JAN 1972  
TIME 19 29 25  
COUNTER NUMBER 308

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.004
9.0 - 12.0	0.000
12.0 - 16.0	.005
16.0 - 21.0	.001
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 372  
DATE 21 JAN 1972  
TIME 19 29 46  
COUNTER NUMBER 312

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 5027.0  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000



FLIGHT NUMBER 005 373  
DATE 21 JAN 1972  
TIME 19 29 51  
COUNTER NUMBER 313

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.004
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 374  
DATE 21 JAN 1972  
TIME 19 29 56  
COUNTER NUMBER 314

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 375  
DATE 21 JAN 1972  
TIME 19 30 1  
COUNTER NUMBER 315

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 376  
DATE 21 JAN 1972  
TIME 20 11 20  
COUNTER NUMBER 481

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 4.22  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.339
7.0 - 9.0	.682
9.0 - 12.0	.582
12.0 - 16.0	.095
16.0 - 21.0	.044
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 377  
DATE 21 JAN 1972  
TIME 20 11 22  
COUNTER NUMBER 483

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 278.0  
NUMBER DENSITY (NO/CM\*\*3) 48.95  
LIQ. WATER CONTENT (GM/M\*\*3) .048

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.582
7.0 - 9.0	6.391
9.0 - 12.0	3.673
12.0 - 16.0	2.386
16.0 - 21.0	1.022
21.0 - 28.0	.088
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 378  
DATE 21 JAN 1972  
TIME 20 11 25  
COUNTER NUMBER 485

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 136.4  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 413.1  
NUMBER DENSITY (NO/CM\*\*3) 19.69  
LIQ. WATER CONTENT (GM/M\*\*3) .016

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.037
7.0 - 9.0	2.685
9.0 - 12.0	1.481
12.0 - 16.0	.940
16.0 - 21.0	.278
21.0 - 28.0	.024
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 379  
DATE 21 JAN 1972  
TIME 20 11 27  
COUNTER NUMBER 487

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 133.8  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) .70.3  
NUMBER DENSITY (NO/CM\*\*3) 47.76  
LIQ. WATER CONTENT (GM/M\*\*3) .101

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.080
7.0 - 9.0	4.426
9.0 - 12.0	1.463
12.0 - 16.0	.491
16.0 - 21.0	5.541
21.0 - 28.0	.032
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 380  
DATE 21 JAN 1972  
TIME 20 11 29  
COUNTER NUMBER 489

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 133.8  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 108.0  
SAMPLE INTERVAL (M) 267.7  
NUMBER DENSITY (NO/CM\*\*3) 63.72  
LIQ. WATER CONTENT (GM/M\*\*3) .080

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.648
7.0 - 9.0	5.468
9.0 - 12.0	6.083
12.0 - 16.0	4.505
16.0 - 21.0	1.631
21.0 - 28.0	.198
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 381  
DATE 21 JAN 1972  
TIME 20 11 32  
COUNTER NUMBER 491

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 133.8  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 401.5  
NUMBER DENSITY (NO/CM\*\*3) 95.17  
LIQ. WATER CONTENT (GM/M\*\*3) .106

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.210
7.0 - 9.0	10.444
9.0 - 12.0	9.605
12.0 - 16.0	5.843
16.0 - 21.0	1.885
21.0 - 28.0	.265
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 382  
DATE 21 JAN 1972  
TIME 20 11 35  
COUNTER NUMBER 494

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 133.8  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 401.5  
NUMBER DENSITY (NO/CM\*\*3) 118.74  
LIQ. WATER CONTENT (GM/M\*\*3) .094

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	16.123
7.0 - 9.0	18.370
9.0 - 12.0	11.167
12.0 - 16.0	4.032
16.0 - 21.0	1.352
21.0 - 28.0	.186
28.0 - 36.0	.014
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 383  
DATE 21 JAN 1972  
TIME 20 11 39  
COUNTER NUMBER 497

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 133.8  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 535.4  
NUMBER DENSITY (NO/CM\*\*3) 6.65  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.691
7.0 - 9.0	.806
9.0 - 12.0	.500
12.0 - 16.0	.315
16.0 - 21.0	.148
21.0 - 28.0	.048
28.0 - 36.0	.021
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 384  
DATE 21 JAN 1972  
TIME 20 11 41  
COUNTER NUMBER 499

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 133.8  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 267.7  
NUMBER DENSITY (NO/CM\*\*3) 1.44  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.259
7.0 - 9.0	.056
9.0 - 12.0	.074
12.0 - 16.0	.097
16.0 - 21.0	.033
21.0 - 28.0	.024
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 385  
DATE 21 JAN 1972  
TIME 20 11 45  
COUNTER NUMBER 502

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 131.3  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 53.0  
SAMPLE INTERVAL (M) 530.2  
NUMBER DENSITY (NO/CM\*\*3) 2.40  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.629
7.0 - 9.0	.028
9.0 - 12.0	.176
12.0 - 16.0	.028
16.0 - 21.0	.117
21.0 - 28.0	.024
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 386  
DATE 21 JAN 1972  
TIME 20 11 50  
COUNTER NUMBER 506

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 131.3  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 53.0  
SAMPLE INTERVAL (M) 656.4  
NUMBER DENSITY (NO/CM\*\*3) 22.81  
LIQ. WATER CONTENT (GM/M\*\*3) .103

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.484
7.0 - 9.0	1.472
9.0 - 12.0	.786
12.0 - 16.0	1.090
16.0 - 21.0	.789
21.0 - 28.0	.639
28.0 - 36.0	.285
36.0 - 47.0	.021
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 387  
DATE 21 JAN 1972  
TIME 20 11 54  
COUNTER NUMBER 510

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 104.0  
SAMPLE INTERVAL (M) 519.9  
NUMBER DENSITY (NO/CM\*\*3) 12.09  
LIQ. WATER CONTENT (GM/M\*\*3) .053

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.455
7.0 - 9.0	.702
9.0 - 12.0	.811
12.0 - 16.0	.464
16.0 - 21.0	.462
21.0 - 28.0	.304
28.0 - 36.0	.142
36.0 - 47.0	.013
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 388  
DATE 21 JAN 1972  
TIME 20 11 57  
COUNTER NUMBER 512

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 104.0  
SAMPLE INTERVAL (M) 386.1  
NUMBER DENSITY (NO/CM\*\*3) .12  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.036
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.007
16.0 - 21.0	.306
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 389  
DATE 21 JAN 1972  
TIME 20 12 0  
COUNTER NUMBER 514

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 386.1  
NUMBER DENSITY (NO/CM\*\*3) 15.67  
LIQ. WATER CONTENT (GM/M\*\*3) .038

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.397
7.0 - 9.0	1.317
9.0 - 12.0	1.179
12.0 - 16.0	.644
16.0 - 21.0	.262
21.0 - 28.0	.126
28.0 - 36.0	.142
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 390  
DATE 21 JAN 1972  
TIME 20 12 4  
COUNTER NUMBER 518

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) .17  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.077
7.0 - 9.0	.029
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 391  
DATE 21 JAN 1972  
TIME 20 12 9  
COUNTER NUMBER 522

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) .23  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.115
7.0 - 9.0	0.000
9.0 - 12.0	.019
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 392  
DATE 21 JAN 1972  
TIME 20 12 13  
COUNTER NUMBER 525

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) 2.15  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.192
7.0 - 9.0	.173
9.0 - 12.0	.077
12.0 - 16.0	.087
16.0 - 21.0	.108
21.0 - 28.0	.041
28.0 - 36.0	.014
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 393  
DATE 21 JAN 1972  
TIME 20 12 17  
COUNTER NUMBER 529

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) 74.63  
LIQ. WATER CONTENT (GM/M\*\*3) .164

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.051
7.0 - 9.0	6.692
9.0 - 12.0	5.526
12.0 - 16.0	3.918
16.0 - 21.0	1.935
21.0 - 28.0	.882
28.0 - 36.0	.308
36.0 - 47.0	.010
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 394  
DATE 21 JAN 1972  
TIME 20 12 21  
COUNTER NUMBER 532

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) 21.88  
LIQ. WATER CONTENT (GM/M\*\*3) .048

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.679
7.0 - 9.0	1.798
9.0 - 12.0	2.122
12.0 - 16.0	1.380
16.0 - 21.0	.204
21.0 - 28.0	.283
28.0 - 36.0	.103
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 395  
DATE 21 JAN 1972  
TIME 20 12 25  
COUNTER NUMBER 535

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) 27.48  
LIQ. WATER CONTENT (GM/M\*\*3) .065

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.564
7.0 - 9.0	2.038
9.0 - 12.0	1.218
12.0 - 16.0	1.740
16.0 - 21.0	.996
21.0 - 28.0	.497
28.0 - 36.0	.060
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 396  
DATE 21 JAN 1972  
TIME 20 12 29  
COUNTER NUMBER 538

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) 113.29  
LIQ. WATER CONTENT (GM/M\*\*3) .420

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.090
7.0 - 9.0	6.577
9.0 - 12.0	5.026
12.0 - 16.0	5.630
16.0 - 21.0	5.096
21.0 - 28.0	2.865
28.0 - 36.0	.969
36.0 - 47.0	.010
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

ORIGINAL PAGE IS  
OF POOR QUALITY

FLIGHT NUMBER 005 397  
DATE 21 JAN 1972  
TIME 20 12 33  
COUNTER NUMBER 542

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) 16.21  
LIQ. WATER CONTENT (GM/M\*\*3) .045

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.282
7.0 - 9.0	.923
9.0 - 12.0	.519
12.0 - 16.0	.990
16.0 - 21.0	.946
21.0 - 28.0	.255
28.0 - 36.0	.043
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 398  
DATE 21 JAN 1972  
TIME 20 12 37  
COUNTER NUMBER 545

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) 2.65  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.077
7.0 - 9.0	.269
9.0 - 12.0	.160
12.0 - 16.0	.072
16.0 - 21.0	.108
21.0 - 28.0	.058
28.0 - 36.0	.014
36.0 - 47.0	.016
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 399  
DATE 21 JAN 1972  
TIME 20 12 41  
COUNTER NUMBER 548

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) 183.40  
LIQ. WATER CONTENT (GM/M\*\*3) .782

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.449
7.0 - 9.0	9.433
9.0 - 12.0	7.449
12.0 - 16.0	8.260
16.0 - 21.0	8.088
21.0 - 28.0	5.777
28.0 - 36.0	1.913
36.0 - 47.0	.026
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 400  
DATE 21 JAN 1972  
TIME 20 12 46  
COUNTER NUMBER 552

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 88.85  
LIQ. WATER CONTENT (GM/M\*\*3) .407

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.359
7.0 - 9.0	2.971
9.0 - 12.0	3.365
12.0 - 16.0	4.462
16.0 - 21.0	3.269
21.0 - 28.0	3.519
28.0 - 36.0	.909
36.0 - 47.0	.016
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 401  
DATE 21 JAN 1972  
TIME 20 12 50  
COUNTER NUMBER 556

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) 81.90  
LIQ. WATER CONTENT (GM/M\*\*3) .404

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.115
7.0 - 9.0	3.125
9.0 - 12.0	2.481
12.0 - 16.0	2.928
16.0 - 21.0	4.265
21.0 - 28.0	3.209
28.0 - 36.0	.998
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 402  
DATE 21 JAN 1972  
TIME 20 12 54  
COUNTER NUMBER 559

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) 13.83  
LIQ. WATER CONTENT (GM/M\*\*3) .057

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.962
9.0 - 12.0	.776
12.0 - 16.0	.673
16.0 - 21.0	.550
21.0 - 28.0	.445
28.0 - 36.0	.120
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 403  
DATE 21 JAN 1972  
TIME 20 12 55  
COUNTER NUMBER 562

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 102.0  
SAMPLE INTERVAL (M) 126.1  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.020
7.0 - 9.0	.015
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 404  
DATE 21 JAN 1972  
TIME 20 12 57  
COUNTER NUMBER 562

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 102.0  
SAMPLE INTERVAL (M) 247.1  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.020
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 005 405  
DATE 21 JAN 1972  
TIME 20 13 0  
COUNTER NUMBER 564

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 102.0  
SAMPLE INTERVAL (M) 370.7  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.039
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

## FLIGHT 6

FLIGHT NUMBER 006 1  
DATE 24 JAN 1972  
TIME 14 16 48  
COUNTER NUMBER 601

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 228.0

SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .43  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.057
7.0 - 9.0	.019
9.0 - 12.0	.028
12.0 - 16.0	.016
16.0 - 21.0	.006
21.0 - 28.0	.014
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 2  
DATE 24 JAN 1972  
TIME 14 16 53  
COUNTER NUMBER 602

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 228.0

SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1119.7  
NUMBER DENSITY (NO/CM\*\*3) .93  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.042
9.0 - 12.0	.047
12.0 - 16.0	.035
16.0 - 21.0	.031
21.0 - 28.0	.031
28.0 - 36.0	.014
36.0 - 47.0	.006
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 3  
DATE 24 JAN 1972  
TIME 14 16 58  
COUNTER NUMBER 603

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 228.0

SAMPLED VOLUME (CM\*\*3) 480.0  
SAMPLE INTERVAL (M) 1119.7  
NUMBER DENSITY (NO/CM\*\*3) 1.21  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.035
7.0 - 9.0	.071
9.0 - 12.0	.035
12.0 - 16.0	.037
16.0 - 21.0	.053
21.0 - 28.0	.037
28.0 - 36.0	.018
36.0 - 47.0	.006
47.0 - 62.0	.002
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 4  
DATE 24 JAN 1972  
TIME 14 17 4  
COUNTER NUMBER 604

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 228.0

SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1343.6  
NUMBER DENSITY (NO/CM\*\*3) 1.41  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.057
7.0 - 9.0	.035
9.0 - 12.0	.049
12.0 - 16.0	.078
16.0 - 21.0	.054
21.0 - 28.0	.041
28.0 - 36.0	.017
36.0 - 47.0	.005
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 5  
DATE 24 JAN 1972  
TIME 14 17 9  
COUNTER NUMBER 605

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 228.1

SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1119.7  
NUMBER DENSITY (NO/CM\*\*3) .36  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.025
7.0 - 9.0	.004
9.0 - 12.0	.010
12.0 - 16.0	.013
16.0 - 21.0	.017
21.0 - 28.0	.014
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 6  
DATE 24 JAN 1972  
TIME 14 17 14  
COUNTER NUMBER 606

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 228.1

SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1119.7  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.015
7.0 - 9.0	.011
9.0 - 12.0	.021
12.0 - 16.0	.011
16.0 - 21.0	.003
21.0 - 28.0	.006
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 7  
DATE 24 JAN 1972  
TIME 14 17 19  
COUNTER NUMBER 607

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 223.9  
AMBIENT TEMPERATURE (DEG K) 228.1

SAMPLED VOLUME (CM\*\*3) 400.0  
SAMPLE INTERVAL (M) 1119.7  
NUMBER DENSITY (NO/CM\*\*3) .07  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.015
7.0 - 9.0	0.000
9.0 - 12.0	.007
12.0 - 16.0	.002
16.0 - 21.0	.001
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 8  
DATE 24 JAN 1972  
TIME 14 40 0  
COUNTER NUMBER 720

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 225.6

SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .18  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.036
7.0 - 9.0	.006
9.0 - 12.0	.004
12.0 - 16.0	.010
16.0 - 21.0	.005
21.0 - 28.0	.004
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 9  
DATE 24 JAN 1972  
TIME 14 40 6  
COUNTER NUMBER 721

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 225.7

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1297.3  
NUMBER DENSITY (NO/CM\*\*3) .14  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.026
7.0 - 9.0	.012
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.011
21.0 - 28.0	.002
28.0 - 36.0	0.000
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 10  
DATE 24 JAN 1972  
TIME 14 40 11  
COUNTER NUMBER 722

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 225.7

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1081.1  
NUMBER DENSITY (NO/CM\*\*3) .23  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.021
7.0 - 9.0	.012
9.0 - 12.0	.018
12.0 - 16.0	.006
16.0 - 21.0	.006
21.0 - 28.0	.005
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 11  
DATE 24 JAN 1972  
TIME 14 40 16  
COUNTER NUMBER 723

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 225.7

SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1081.1  
NUMBER DENSITY (NO/CM\*\*3) .27  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.017
7.0 - 9.0	.013
9.0 - 12.0	.018
12.0 - 16.0	.015
16.0 - 21.0	.005
21.0 - 28.0	.003
28.0 - 36.0	.006
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 12  
DATE 24 JAN 1972  
TIME 14 40 22  
COUNTER NUMBER 724

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 225.7

SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1297.3  
NUMBER DENSITY (NO/CM\*\*3) .54  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.031
7.0 - 9.0	.015
9.0 - 12.0	.024
12.0 - 16.0	.020
16.0 - 21.0	.008
21.0 - 28.0	.019
28.0 - 36.0	.012
36.0 - 47.0	.001
47.0 - 62.0	.002
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER	006	13	FLIGHT NUMBER	006	14	FLIGHT NUMBER	006	15
DATE 24 JAN 1972			DATE 24 JAN 1972			DATE 24 JAN 1972		
TIME 14 40 27			TIME 14 40 32			TIME 14 40 37		
COUNTER NUMBER 725			COUNTER NUMBER 726			COUNTER NUMBER 727		
AIRCRAFT ALTITUDE (KM)	12.2		AIRCRAFT ALTITUDE (KM)	12.2		AIRCRAFT ALTITUDE (KM)	12.2	
AIRCRAFT VELOCITY (M/S)	216.2		AIRCRAFT VELOCITY (M/S)	216.2		AIRCRAFT VELOCITY (M/S)	216.2	
AMBIENT TEMPERATURE (DEG K)	225.7		AMBIENT TEMPERATURE (DEG K)	225.8		AMBIENT TEMPERATURE (DEG K)	225.8	
SAMPLED VOLUME (CM**3)	390.0		SAMPLED VOLUME (CM**3)	390.0		SAMPLED VOLUME (CM**3)	390.0	
SAMPLE INTERVAL (M)	1081.1		SAMPLE INTERVAL (M)	1081.1		SAMPLE INTERVAL (M)	1081.1	
NUMBER DENSITY (NO/CM**3)	.63		NUMBER DENSITY (NO/CM**3)	.15		NUMBER DENSITY (NO/CM**3)	.16	
LIQ. WATER CONTENT (GM/M**3)	.005		LIQ. WATER CONTENT (GM/M**3)	.001		LIQ. WATER CONTENT (GM/M**3)	.002	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.010		5.5 - 7.0	0.000		5.5 - 7.0	0.000	
7.0 - 9.0	.044		7.0 - 9.0	0.000		7.0 - 9.0	.027	
9.0 - 12.0	.018		9.0 - 12.0	.015		9.0 - 12.0	0.000	
12.0 - 16.0	.016		12.0 - 16.0	.008		12.0 - 16.0	.004	
16.0 - 21.0	.032		16.0 - 21.0	0.000		16.0 - 21.0	.006	
21.0 - 28.0	.024		21.0 - 28.0	.004		21.0 - 28.0	.004	
28.0 - 36.0	.006		28.0 - 36.0	.004		28.0 - 36.0	.001	
36.0 - 47.0	.002		36.0 - 47.0	0.000		36.0 - 47.0	.001	
47.0 - 62.0	.001		47.0 - 62.0	.001		47.0 - 62.0	.001	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	006	16	FLIGHT NUMBER	006	17	FLIGHT NUMBER	006	18
DATE 24 JAN 1972			DATE 24 JAN 1972			DATE 24 JAN 1972		
TIME 14 41 42			TIME 14 40 47			TIME 14 40 52		
COUNTER NUMBER 726			COUNTER NUMBER 729			COUNTER NUMBER 730		
AIRCRAFT ALTITUDE (KM)	12.2		AIRCRAFT ALTITUDE (KM)	12.2		AIRCRAFT ALTITUDE (KM)	12.2	
AIRCRAFT VELOCITY (M/S)	216.2		AIRCRAFT VELOCITY (M/S)	216.2		AIRCRAFT VELOCITY (M/S)	216.2	
AMBIENT TEMPERATURE (DEG K)	225.8		AMBIENT TEMPERATURE (DEG K)	225.7		AMBIENT TEMPERATURE (DEG K)	225.7	
SAMPLED VOLUME (CM**3)	390.0		SAMPLED VOLUME (CM**3)	390.0		SAMPLED VOLUME (CM**3)	156.0	
SAMPLE INTERVAL (M)	1081.1		SAMPLE INTERVAL (M)	1081.1		SAMPLE INTERVAL (M)	1081.1	
NUMBER DENSITY (NO/CM**3)	.26		NUMBER DENSITY (NO/CM**3)	.43		NUMBER DENSITY (NO/CM**3)	1.68	
LIQ. WATER CONTENT (GM/M**3)	.001		LIQ. WATER CONTENT (GM/M**3)	.006		LIQ. WATER CONTENT (GM/M**3)	.013	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.015		5.5 - 7.0	0.000		5.5 - 7.0	.226	
7.0 - 9.0	.004		7.0 - 9.0	.040		7.0 - 9.0	0.000	
9.0 - 12.0	.021		9.0 - 12.0	.021		9.0 - 12.0	.006	
12.0 - 16.0	.016		12.0 - 16.0	.012		12.0 - 16.0	.009	
16.0 - 21.0	.003		16.0 - 21.0	.011		16.0 - 21.0	.009	
21.0 - 28.0	.005		21.0 - 28.0	.015		21.0 - 28.0	.034	
28.0 - 36.0	.006		28.0 - 36.0	.006		28.0 - 36.0	.034	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	.009	
47.0 - 62.0	0.000		47.0 - 62.0	.002		47.0 - 62.0	.001	
62.0 - 82.0	0.000		62.0 - 82.0	.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	006	19	FLIGHT NUMBER	006	20	FLIGHT NUMBER	006	21
DATE 24 JAN 1972			DATE 24 JAN 1972			DATE 24 JAN 1972		
TIME 14 43 54			TIME 14 40 56			TIME 14 40 59		
COUNTER NUMBER 731			COUNTER NUMBER 732			COUNTER NUMBER 733		
AIRCRAFT ALTITUDE (KM)	12.2		AIRCRAFT ALTITUDE (KM)	12.2		AIRCRAFT ALTITUDE (KM)	12.5	
AIRCRAFT VELOCITY (M/S)	216.2		AIRCRAFT VELOCITY (M/S)	216.2		AIRCRAFT VELOCITY (M/S)	216.2	
AMBIENT TEMPERATURE (DEG K)	225.7		AMBIENT TEMPERATURE (DEG K)	225.8		AMBIENT TEMPERATURE (DEG K)	225.8	
SAMPLED VOLUME (CM**3)	156.0		SAMPLED VOLUME (CM**3)	234.0		SAMPLED VOLUME (CM**3)	78.0	
SAMPLE INTERVAL (M)	432.4		SAMPLE INTERVAL (M)	432.4		SAMPLE INTERVAL (M)	648.6	
NUMBER DENSITY (NO/CM**3)	1.26		NUMBER DENSITY (NO/CM**3)	.88		NUMBER DENSITY (NO/CM**3)	1.76	
LIQ. WATER CONTENT (GM/M**3)	.006		LIQ. WATER CONTENT (GM/M**3)	.008		LIQ. WATER CONTENT (GM/M**3)	.012	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.120		5.5 - 7.0	.071		5.5 - 7.0	.154	
7.0 - 9.0	.048		7.0 - 9.0	.019		7.0 - 9.0	.115	
9.0 - 12.0	.053		9.0 - 12.0	.040		9.0 - 12.0	.013	
12.0 - 16.0	.059		12.0 - 16.0	.019		12.0 - 16.0	.080	
16.0 - 21.0	.051		16.0 - 21.0	.032		16.0 - 21.0	.095	
21.0 - 28.0	.005		21.0 - 28.0	.026		21.0 - 28.0	.033	
28.0 - 36.0	.030		28.0 - 36.0	.018		28.0 - 36.0	.014	
36.0 - 47.0	.007		36.0 - 47.0	.002		36.0 - 47.0	.007	
47.0 - 62.0	0.000		47.0 - 62.0	.002		47.0 - 62.0	.003	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	006	22	FLIGHT NUMBER	006	23	FLIGHT NUMBER	006	24
DATE 24 JAN 1972			DATE 24 JAN 1972			DATE 24 JAN 1972		
TIME 14 41 0			TIME 14 41 3			TIME 14 41 5		
COUNTER NUMBER 734			COUNTER NUMBER 735			COUNTER NUMBER 736		
AIRCRAFT ALTITUDE (KM)	12.5		AIRCRAFT ALTITUDE (KM)	12.5		AIRCRAFT ALTITUDE (KM)	12.5	
AIRCRAFT VELOCITY (M/S)	216.2		AIRCRAFT VELOCITY (M/S)	216.2		AIRCRAFT VELOCITY (M/S)	216.2	
AMBIENT TEMPERATURE (DEG K)	225.8		AMBIENT TEMPERATURE (DEG K)	225.9		AMBIENT TEMPERATURE (DEG K)	225.9	
SAMPLED VOLUME (CM**3)	234.0		SAMPLED VOLUME (CM**3)	156.0		SAMPLED VOLUME (CM**3)	234.0	
SAMPLE INTERVAL (M)	216.2		SAMPLE INTERVAL (M)	648.6		SAMPLE INTERVAL (M)	432.4	
NUMBER DENSITY (NO/CM**3)	.56		NUMBER DENSITY (NO/CM**3)	.79		NUMBER DENSITY (NO/CM**3)	.55	
LIQ. WATER CONTENT (GM/M**3)	.007		LIQ. WATER CONTENT (GM/M**3)	.009		LIQ. WATER CONTENT (GM/M**3)	.003	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.034		5.5 - 7.0	0.000		5.5 - 7.0	.051	
7.0 - 9.0	.026		7.0 - 9.0	.099		7.0 - 9.0	.086	
9.0 - 12.0	.009		9.0 - 12.0	.038		9.0 - 12.0	.013	
12.0 - 16.0	.022		12.0 - 16.0	.029		12.0 - 16.0	.006	
16.0 - 21.0	.032		16.0 - 21.0	.019		16.0 - 21.0	.010	
21.0 - 28.0	.011		21.0 - 28.0	.014		21.0 - 28.0	.021	
28.0 - 36.0	.006		28.0 - 36.0	.012		28.0 - 36.0	.010	
36.0 - 47.0	.001		36.0 - 47.0	.005		36.0 - 47.0	0.000	
47.0 - 62.0	.002		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	.001		62.0 - 82.0	.001		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	

FLIGHT NUMBER 006 25  
DATE 24 JAN 1972  
TIME 14 41 8  
COUNTER NUMBER 737

AIRCRAFT ALTITUDE (KM) 12.5  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 226.0  
SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 648.6  
NUMBER DENSITY (NO/CM\*\*3) 1.19  
LIQ. WATER CONTENT (GM/M\*\*3) .018

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.077
7.0 - 9.0	.067
9.0 - 12.0	.032
12.0 - 16.0	.019
16.0 - 21.0	.047
21.0 - 28.0	.039
28.0 - 36.0	.014
36.0 - 47.0	.005
47.0 - 62.0	.003
62.0 - 82.0	.002
82.0 - 106.0	0.000

FLIGHT NUMBER 006 26  
DATE 24 JAN 1972  
TIME 14 41 10  
COUNTER NUMBER 738

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 226.0  
SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) 1.44  
LIQ. WATER CONTENT (GM/M\*\*3) .023

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.107
7.0 - 9.0	.029
9.0 - 12.0	.013
12.0 - 16.0	.080
16.0 - 21.0	.015
21.0 - 28.0	.049
28.0 - 36.0	.027
36.0 - 47.0	.010
47.0 - 62.0	.006
62.0 - 82.0	.001
82.0 - 106.0	0.000

FLIGHT NUMBER 006 27  
DATE 24 JAN 1972  
TIME 14 41 12  
COUNTER NUMBER 739

AIRCRAFT ALTITUDE (KM) 12.5  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 226.1  
SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) .83  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.090
7.0 - 9.0	.038
9.0 - 12.0	.032
12.0 - 16.0	.014
16.0 - 21.0	.047
21.0 - 28.0	.016
28.0 - 36.0	.007
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 28  
DATE 24 JAN 1972  
TIME 14 41 14  
COUNTER NUMBER 740

AIRCRAFT ALTITUDE (KM) 12.5  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 226.0  
SAMPLED VOLUME (CM\*\*3) 234.0  
SAMPLE INTERVAL (M) 432.4  
NUMBER DENSITY (NO/CM\*\*3) .15  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.017
7.0 - 9.0	.006
9.0 - 12.0	0.000
12.0 - 16.0	.013
16.0 - 21.0	.005
21.0 - 28.0	.002
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 29  
DATE 24 JAN 1972  
TIME 14 41 17  
COUNTER NUMBER 741

AIRCRAFT ALTITUDE (KM) 12.5  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 226.0  
SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 648.6  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	.006
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 30  
DATE 24 JAN 1972  
TIME 14 41 15  
COUNTER NUMBER 803

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 217.0  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .50  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.040
7.0 - 9.0	.030
9.0 - 12.0	.017
12.0 - 16.0	.012
16.0 - 21.0	.020
21.0 - 28.0	.016
28.0 - 36.0	.007
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 31  
DATE 24 JAN 1972  
TIME 15 14 20  
COUNTER NUMBER 804

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 217.1  
SAMPLED VOLUME (CM\*\*3) 504.0  
SAMPLE INTERVAL (M) 1184.0  
NUMBER DENSITY (NO/CM\*\*3) .65  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.037
7.0 - 9.0	.056
9.0 - 12.0	.026
12.0 - 16.0	.025
16.0 - 21.0	.027
21.0 - 28.0	.017
28.0 - 36.0	.006
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 32  
DATE 24 JAN 1972  
TIME 15 14 26  
COUNTER NUMBER 805

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 217.1  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1420.8  
NUMBER DENSITY (NO/CM\*\*3) .90  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.089
7.0 - 9.0	.070
9.0 - 12.0	.014
12.0 - 16.0	.035
16.0 - 21.0	.044
21.0 - 28.0	.020
28.0 - 36.0	.010
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 33  
DATE 24 JAN 1972  
TIME 15 14 31  
COUNTER NUMBER 806

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 217.1  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1190.5  
NUMBER DENSITY (NO/CM\*\*3) .18  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.007
9.0 - 12.0	.020
12.0 - 16.0	.004
16.0 - 21.0	.009
21.0 - 28.0	.005
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 34  
DATE 24 JAN 1972  
TIME 15 14 36  
COUNTER NUMBER 807

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 217.1  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.004
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.006
21.0 - 28.0	.001
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 35  
DATE 24 JAN 1972  
TIME 15 14 41  
COUNTER NUMBER 808

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 217.1  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .13  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.004
9.0 - 12.0	0.000
12.0 - 16.0	.007
16.0 - 21.0	.007
21.0 - 28.0	.003
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 36  
DATE 24 JAN 1972  
TIME 15 14 46  
COUNTER NUMBER 809

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 217.1  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	.005
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 37  
DATE 24 JAN 1972  
TIME 15 32 52  
COUNTER NUMBER 696  
  
AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.6  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.015
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.002
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 38  
DATE 24 JAN 1972  
TIME 15 33 2  
COUNTER NUMBER 898  
  
AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.4  
  
SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 2187.9  
NUMBER DENSITY (NO/CM\*\*3) .55  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.053
7.0 - 9.0	.019
9.0 - 12.0	.009
12.0 - 16.0	.030
16.0 - 21.0	.016
21.0 - 28.0	.013
28.0 - 36.0	.013
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 39  
DATE 24 JAN 1972  
TIME 15 33 8  
COUNTER NUMBER 899  
  
AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.5  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) 1.48  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.164
7.0 - 9.0	.072
9.0 - 12.0	.034
12.0 - 16.0	.058
16.0 - 21.0	.032
21.0 - 28.0	.053
28.0 - 36.0	.024
36.0 - 47.0	.003
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 40  
DATE 24 JAN 1972  
TIME 15 33 13  
COUNTER NUMBER 900  
  
AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.5  
  
SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .58  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.021
7.0 - 9.0	.022
9.0 - 12.0	.015
12.0 - 16.0	.023
16.0 - 21.0	.035
21.0 - 28.0	.013
28.0 - 36.0	.011
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 41  
DATE 24 JAN 1972  
TIME 15 33 19  
COUNTER NUMBER 901  
  
AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.4  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) .51  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.015
7.0 - 9.0	.047
9.0 - 12.0	.013
12.0 - 16.0	.024
16.0 - 21.0	.014
21.0 - 28.0	.019
28.0 - 36.0	.006
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 42  
DATE 24 JAN 1972  
TIME 15 33 24  
COUNTER NUMBER 902  
  
AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.5  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .52  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.026
7.0 - 9.0	.032
9.0 - 12.0	.032
12.0 - 16.0	.020
16.0 - 21.0	.021
21.0 - 28.0	.012
28.0 - 36.0	.005
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 43  
DATE 24 JAN 1972  
TIME 15 33 29  
COUNTER NUMBER 903  
  
AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.6  
  
SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .61  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.057
7.0 - 9.0	.033
9.0 - 12.0	.020
12.0 - 16.0	.017
16.0 - 21.0	.017
21.0 - 28.0	.019
28.0 - 36.0	.010
36.0 - 47.0	.003
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 44  
DATE 24 JAN 1972  
TIME 15 33 35  
COUNTER NUMBER 904  
  
AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.6  
  
SAMPLED VOLUME (CM\*\*3) 312.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) 1.56  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.152
7.0 - 9.0	.114
9.0 - 12.0	.066
12.0 - 16.0	.067
16.0 - 21.0	.052
21.0 - 28.0	.043
28.0 - 36.0	.008
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 45  
DATE 24 JAN 1972  
TIME 15 33 39  
COUNTER NUMBER 905  
  
AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.5  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 875.2  
NUMBER DENSITY (NO/CM\*\*3) 1.16  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.149
7.0 - 9.0	.040
9.0 - 12.0	.067
12.0 - 16.0	.078
16.0 - 21.0	.040
21.0 - 28.0	.008
28.0 - 36.0	.010
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 46  
DATE 24 JAN 1972  
TIME 15 33 44  
COUNTER NUMBER 906  
  
AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.4  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .75  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.079
7.0 - 9.0	.032
9.0 - 12.0	.026
12.0 - 16.0	.038
16.0 - 21.0	.042
21.0 - 28.0	.015
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 47  
DATE 24 JAN 1972  
TIME 15 33 49  
COUNTER NUMBER 907  
  
AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.4  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .32  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.015
7.0 - 9.0	.032
9.0 - 12.0	.010
12.0 - 16.0	.006
16.0 - 21.0	.016
21.0 - 28.0	.014
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 48  
DATE 24 JAN 1972  
TIME 15 33 54  
COUNTER NUMBER 908  
  
AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.4  
  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .28  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.043
7.0 - 9.0	.015
9.0 - 12.0	.013
12.0 - 16.0	.012
16.0 - 21.0	.009
21.0 - 28.0	.007
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000



FLIGHT NUMBER 006 49  
DATE 24 JAN 1972  
TIME 15 33 59  
COUNTER NUMBER 909

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.4  
SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .30  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.048
7.0 - 9.0	.022
9.0 - 12.0	.011
12.0 - 16.0	.013
16.0 - 21.0	.009
21.0 - 28.0	.006
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 50  
DATE 24 JAN 1972  
TIME 15 34 5  
COUNTER NUMBER 910

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.4  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) .48  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.026
7.0 - 9.0	.015
9.0 - 12.0	.026
12.0 - 16.0	.034
16.0 - 21.0	.017
21.0 - 28.0	.011
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 51  
DATE 24 JAN 1972  
TIME 15 34 10  
COUNTER NUMBER 911

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.4  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .49  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.058
7.0 - 9.0	.015
9.0 - 12.0	.026
12.0 - 16.0	.029
16.0 - 21.0	.019
21.0 - 28.0	.007
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 52  
DATE 24 JAN 1972  
TIME 15 34 15  
COUNTER NUMBER 912

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.4  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .28  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.015
7.0 - 9.0	.044
9.0 - 12.0	.003
12.0 - 16.0	.006
16.0 - 21.0	.014
21.0 - 28.0	.005
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 53  
DATE 24 JAN 1972  
TIME 15 34 20  
COUNTER NUMBER 913

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.5  
SAMPLED VOLUME (CM\*\*3) 468.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.006
9.0 - 12.0	.002
12.0 - 16.0	0.000
16.0 - 21.0	.004
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 54  
DATE 24 JAN 1972  
TIME 15 34 26  
COUNTER NUMBER 914

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.5  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1312.7  
NUMBER DENSITY (NO/CM\*\*3) .15  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.031
7.0 - 9.0	.023
9.0 - 12.0	0.000
12.0 - 16.0	.004
16.0 - 21.0	.002
21.0 - 28.0	.001
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 55  
DATE 24 JAN 1972  
TIME 15 34 31  
COUNTER NUMBER 915

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 214.5  
SAMPLED VOLUME (CM\*\*3) 390.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	0.000
9.0 - 12.0	.005
12.0 - 16.0	0.000
16.0 - 21.0	.002
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 56  
DATE 24 JAN 1972  
TIME 15 42 0  
COUNTER NUMBER 923

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 215.1  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .25  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	.021
9.0 - 12.0	.005
12.0 - 16.0	.007
16.0 - 21.0	.018
21.0 - 28.0	.005
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 57  
DATE 24 JAN 1972  
TIME 15 42 5  
COUNTER NUMBER 924

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 215.5  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .19  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.028
7.0 - 9.0	.010
9.0 - 12.0	.011
12.0 - 16.0	.007
16.0 - 21.0	.001
21.0 - 28.0	.006
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 58  
DATE 24 JAN 1972  
TIME 15 42 10  
COUNTER NUMBER 925

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 216.2  
SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .26  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.019
7.0 - 9.0	.006
9.0 - 12.0	.006
12.0 - 16.0	.027
16.0 - 21.0	.007
21.0 - 28.0	.006
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 59  
DATE 24 JAN 1972  
TIME 15 42 16  
COUNTER NUMBER 926

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 215.8  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1498.1  
NUMBER DENSITY (NO/CM\*\*3) .26  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.036
9.0 - 12.0	.014
12.0 - 16.0	.005
16.0 - 21.0	.010
21.0 - 28.0	.010
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 60  
DATE 24 JAN 1972  
TIME 15 42 21  
COUNTER NUMBER 927

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 215.0  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .26  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.023
7.0 - 9.0	.021
9.0 - 12.0	.007
12.0 - 16.0	.010
16.0 - 21.0	.013
21.0 - 28.0	.004
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 61  
DATE 24 JAN 1972  
TIME 15 42 26  
COUNTER NUMBER 928

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 214.6  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .20  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.014
9.0 - 12.0	.007
12.0 - 16.0	.007
16.0 - 21.0	.011
21.0 - 28.0	.006
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 62  
DATE 24 JAN 1972  
TIME 15 42 31  
COUNTER NUMBER 929

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 214.7  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .17  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.014
9.0 - 12.0	.007
12.0 - 16.0	.005
16.0 - 21.0	.008
21.0 - 28.0	.003
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 63  
DATE 24 JAN 1972  
TIME 15 42 36  
COUNTER NUMBER 930

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 214.6  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .21  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.018
7.0 - 9.0	.021
9.0 - 12.0	.011
12.0 - 16.0	.003
16.0 - 21.0	.007
21.0 - 28.0	.007
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 64  
DATE 24 JAN 1972  
TIME 15 42 41  
COUNTER NUMBER 931

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 214.6  
SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .11  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.015
7.0 - 9.0	.009
9.0 - 12.0	.004
12.0 - 16.0	.006
16.0 - 21.0	.001
21.0 - 28.0	.002
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 65  
DATE 24 JAN 1972  
TIME 15 42 47  
COUNTER NUMBER 932

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 214.5  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1505.8  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.032
7.0 - 9.0	.007
9.0 - 12.0	.005
12.0 - 16.0	.002
16.0 - 21.0	.003
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 66  
DATE 24 JAN 1972  
TIME 15 42 52  
COUNTER NUMBER 933

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 214.5  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .07  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.018
7.0 - 9.0	.010
9.0 - 12.0	.005
12.0 - 16.0	.002
16.0 - 21.0	0.000
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 67  
DATE 24 JAN 1972  
TIME 15 42 57  
COUNTER NUMBER 934

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 214.6  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.003
9.0 - 12.0	0.000
12.0 - 16.0	.002
16.0 - 21.0	.003
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 68  
DATE 24 JAN 1972  
TIME 15 43 2  
COUNTER NUMBER 935

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 215.1  
SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	0.000
9.0 - 12.0	.002
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 69  
DATE 24 JAN 1972  
TIME 15 43 7  
COUNTER NUMBER 936

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 215.0  
SAMPLED VOLUME (CM\*\*3) 528.0  
SAMPLE INTERVAL (M) 1261.3  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.008
7.0 - 9.0	.003
9.0 - 12.0	0.000
12.0 - 16.0	.001
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 70  
DATE 24 JAN 1972  
TIME 15 43 13  
COUNTER NUMBER 937

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 215.0  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1505.8  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.003
9.0 - 12.0	0.000
12.0 - 16.0	.003
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 71  
DATE 24 JAN 1972  
TIME 15 43 18  
COUNTER NUMBER 938

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 214.8  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .18  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.061
7.0 - 9.0	.007
9.0 - 12.0	.007
12.0 - 16.0	.009
16.0 - 21.0	.003
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 72  
DATE 24 JAN 1972  
TIME 15 43 23  
COUNTER NUMBER 939

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 214.7  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .32  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.086
7.0 - 9.0	.029
9.0 - 12.0	.016
12.0 - 16.0	.005
16.0 - 21.0	.007
21.0 - 28.0	.004
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 006 73  
DATE 24 JAN 1972  
TIME 15 43 28  
COUNTER NUMBER 940

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 214.5  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .40  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.090
7.0 - 9.0	.053
9.0 - 12.0	.028
12.0 - 16.0	.010
16.0 - 21.0	.001
21.0 - 28.0	.001
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 74  
DATE 24 JAN 1972  
TIME 15 43 33  
COUNTER NUMBER 941

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 214.4  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1242.0  
NUMBER DENSITY (NO/CM\*\*3) .90  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.185
7.0 - 9.0	.147
9.0 - 12.0	.052
12.0 - 16.0	.026
16.0 - 21.0	.006
21.0 - 28.0	.004
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 75  
DATE 24 JAN 1972  
TIME 15 43 38  
COUNTER NUMBER 942

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 214.5  
SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) 1.01  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.199
7.0 - 9.0	.149
9.0 - 12.0	.050
12.0 - 16.0	.033
16.0 - 21.0	.016
21.0 - 28.0	.004
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 76  
DATE 24 JAN 1972  
TIME 15 43 44  
COUNTER NUMBER 943

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 214.7  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1482.6  
NUMBER DENSITY (NO/CM\*\*3) 1.13  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.244
7.0 - 9.0	.193
9.0 - 12.0	.057
12.0 - 16.0	.029
16.0 - 21.0	.014
21.0 - 28.0	.002
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 77  
DATE 24 JAN 1972  
TIME 15 43 49  
COUNTER NUMBER 944

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 214.8  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1229.1  
NUMBER DENSITY (NO/CM\*\*3) .56  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.105
7.0 - 9.0	.083
9.0 - 12.0	.041
12.0 - 16.0	.012
16.0 - 21.0	.010
21.0 - 28.0	.002
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 78  
DATE 24 JAN 1972  
TIME 15 43 54  
COUNTER NUMBER 945

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 214.9  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) 1.75  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.634
7.0 - 9.0	.247
9.0 - 12.0	.065
12.0 - 16.0	.018
16.0 - 21.0	.001
21.0 - 28.0	.004
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 79  
DATE 24 JAN 1972  
TIME 15 43 59  
COUNTER NUMBER 946

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 214.9  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .96  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.295
7.0 - 9.0	.137
9.0 - 12.0	.036
12.0 - 16.0	.018
16.0 - 21.0	.004
21.0 - 28.0	.003
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 80  
DATE 24 JAN 1972  
TIME 15 44 4  
COUNTER NUMBER 947

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 214.9  
SAMPLED VOLUME (CM\*\*3) 516.0  
SAMPLE INTERVAL (M) 1222.6  
NUMBER DENSITY (NO/CM\*\*3) .09  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.016
7.0 - 9.0	.003
9.0 - 12.0	.008
12.0 - 16.0	.001
16.0 - 21.0	.002
21.0 - 28.0	.003
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 81  
DATE 24 JAN 1972  
TIME 15 44 10  
COUNTER NUMBER 948

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 214.8  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1467.2  
NUMBER DENSITY (NO/CM\*\*3) .42  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.065
9.0 - 12.0	.031
12.0 - 16.0	.003
16.0 - 21.0	.014
21.0 - 28.0	.013
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 82  
DATE 24 JAN 1972  
TIME 15 44 15  
COUNTER NUMBER 949

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 214.7  
SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1229.1  
NUMBER DENSITY (NO/CM\*\*3) .71  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.077
7.0 - 9.0	.064
9.0 - 12.0	.050
12.0 - 16.0	.014
16.0 - 21.0	.017
21.0 - 28.0	.020
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 83  
DATE 24 JAN 1972  
TIME 15 44 20  
COUNTER NUMBER 950

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 214.6  
SAMPLED VOLUME (CM\*\*3) 522.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .59  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.036
7.0 - 9.0	.048
9.0 - 12.0	.038
12.0 - 16.0	.025
16.0 - 21.0	.020
21.0 - 28.0	.008
28.0 - 36.0	.008
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 84  
DATE 24 JAN 1972  
TIME 15 44 26  
COUNTER NUMBER 951

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 244.5  
AMBIENT TEMPERATURE (DEG K) 214.7  
SAMPLED VOLUME (CM\*\*3) 430.0  
SAMPLE INTERVAL (M) 1474.9  
NUMBER DENSITY (NO/CM\*\*3) .90  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.105
7.0 - 9.0	.105
9.0 - 12.0	.046
12.0 - 16.0	.038
16.0 - 21.0	.021
21.0 - 28.0	.014
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 85  
DATE 24 JAN 1972  
TIME 15 44 31  
COUNTER NUMBER 952

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 214.5

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1229.1  
NUMBER DENSITY (NO/CM\*\*3) 1.03  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.077
7.0 - 9.0	.064
9.0 - 12.0	.077
12.0 - 16.0	.048
16.0 - 21.0	.027
21.0 - 28.0	.026
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 86  
DATE 24 JAN 1972  
TIME 15 44 36  
COUNTER NUMBER 953

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 247.1  
AMBIENT TEMPERATURE (DEG K) 214.9

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1235.5  
NUMBER DENSITY (NO/CM\*\*3) .77  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.057
7.0 - 9.0	.090
9.0 - 12.0	.031
12.0 - 16.0	.030
16.0 - 21.0	.023
21.0 - 28.0	.019
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 87  
DATE 24 JAN 1972  
TIME 15 44 41  
COUNTER NUMBER 954

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 215.0

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1242.0  
NUMBER DENSITY (NO/CM\*\*3) .74  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.100
7.0 - 9.0	.049
9.0 - 12.0	.031
12.0 - 16.0	.032
16.0 - 21.0	.029
21.0 - 28.0	.011
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 88  
DATE 24 JAN 1972  
TIME 15 44 46  
COUNTER NUMBER 955

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 249.7  
AMBIENT TEMPERATURE (DEG K) 214.9

SAMPLED VOLUME (CM\*\*3) 435.0  
SAMPLE INTERVAL (M) 1248.4  
NUMBER DENSITY (NO/CM\*\*3) .50  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.043
7.0 - 9.0	.036
9.0 - 12.0	0.000
12.0 - 16.0	.026
16.0 - 21.0	.024
21.0 - 28.0	.015
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 89  
DATE 24 JAN 1972  
TIME 15 44 51  
COUNTER NUMBER 956

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 252.3  
AMBIENT TEMPERATURE (DEG K) 214.8

SAMPLED VOLUME (CM\*\*3) 440.0  
SAMPLE INTERVAL (M) 1254.8  
NUMBER DENSITY (NO/CM\*\*3) .62  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.061
7.0 - 9.0	.024
9.0 - 12.0	.028
12.0 - 16.0	.018
16.0 - 21.0	.018
21.0 - 28.0	.018
28.0 - 36.0	.013
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 90  
DATE 24 JAN 1972  
TIME 15 44 56  
COUNTER NUMBER 957

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 254.8  
AMBIENT TEMPERATURE (DEG K) 214.7

SAMPLED VOLUME (CM\*\*3) 534.0  
SAMPLE INTERVAL (M) 1267.7  
NUMBER DENSITY (NO/CM\*\*3) .84  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.074
7.0 - 9.0	.076
9.0 - 12.0	.039
12.0 - 16.0	.016
16.0 - 21.0	.036
21.0 - 28.0	.014
28.0 - 36.0	.015
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 91  
DATE 24 JAN 1972  
TIME 15 45 2  
COUNTER NUMBER 958

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.7

SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1544.4  
NUMBER DENSITY (NO/CM\*\*3) .86  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.037
7.0 - 9.0	.076
9.0 - 12.0	.056
12.0 - 16.0	.026
16.0 - 21.0	.033
21.0 - 28.0	.027
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 92  
DATE 24 JAN 1972  
TIME 15 45 7  
COUNTER NUMBER 959

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.6

SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .35  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.027
7.0 - 9.0	.017
9.0 - 12.0	.025
12.0 - 16.0	.002
16.0 - 21.0	.009
21.0 - 28.0	.016
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 93  
DATE 24 JAN 1972  
TIME 15 45 12  
COUNTER NUMBER 960

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.4

SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .38  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.028
9.0 - 12.0	.016
12.0 - 16.0	.012
16.0 - 21.0	.015
21.0 - 28.0	.017
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 94  
DATE 24 JAN 1972  
TIME 15 45 17  
COUNTER NUMBER 961

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.5

SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .23  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.050
7.0 - 9.0	.010
9.0 - 12.0	.007
12.0 - 16.0	.010
16.0 - 21.0	.001
21.0 - 28.0	.004
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 95  
DATE 24 JAN 1972  
TIME 15 45 22  
COUNTER NUMBER 962

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.5

SAMPLED VOLUME (CM\*\*3) 540.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .14  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.026
7.0 - 9.0	0.000
9.0 - 12.0	.007
12.0 - 16.0	.006
16.0 - 21.0	.004
21.0 - 28.0	.004
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 96  
DATE 24 JAN 1972  
TIME 15 45 28  
COUNTER NUMBER 963

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.6

SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1559.8  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.004
7.0 - 9.0	.031
9.0 - 12.0	.007
12.0 - 16.0	.005
16.0 - 21.0	.007
21.0 - 28.0	.013
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 97  
DATE 24 JAN 1972  
TIME 15 45 33  
COUNTER NUMBER 964

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.5  
SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .13  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.004
7.0 - 9.0	.003
9.0 - 12.0	.009
12.0 - 16.0	.010
16.0 - 21.0	.001
21.0 - 28.0	.003
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 98  
DATE 24 JAN 1972  
TIME 15 45 38  
COUNTER NUMBER 965

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.6  
SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .16  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.018
7.0 - 9.0	.007
9.0 - 12.0	0.000
12.0 - 16.0	.005
16.0 - 21.0	.005
21.0 - 28.0	.006
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 99  
DATE 24 JAN 1972  
TIME 15 45 43  
COUNTER NUMBER 966

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.7  
SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .15  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.004
7.0 - 9.0	.013
9.0 - 12.0	.002
12.0 - 16.0	.007
16.0 - 21.0	.003
21.0 - 28.0	.007
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 100  
DATE 24 JAN 1972  
TIME 15 45 48  
COUNTER NUMBER 967

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.5  
SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .09  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.013
7.0 - 9.0	.003
9.0 - 12.0	.004
12.0 - 16.0	.005
16.0 - 21.0	.003
21.0 - 28.0	0.000
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 101  
DATE 24 JAN 1972  
TIME 15 45 53  
COUNTER NUMBER 968

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.4  
SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .28  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.022
7.0 - 9.0	.017
9.0 - 12.0	.009
12.0 - 16.0	.008
16.0 - 21.0	.008
21.0 - 28.0	.009
28.0 - 36.0	.005
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 102  
DATE 24 JAN 1972  
TIME 15 45 58  
COUNTER NUMBER 969

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.5  
SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .32  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.013
7.0 - 9.0	.017
9.0 - 12.0	.004
12.0 - 16.0	.005
16.0 - 21.0	.011
21.0 - 28.0	.013
28.0 - 36.0	.006
36.0 - 47.0	.002
47.0 - 62.0	.000
62.0 - 82.0	.001
82.0 - 106.0	0.000

FLIGHT NUMBER 006 103  
DATE 24 JAN 1972  
TIME 15 46 3  
COUNTER NUMBER 970

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.7  
SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .25  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.027
7.0 - 9.0	.010
9.0 - 12.0	.007
12.0 - 16.0	.008
16.0 - 21.0	.014
21.0 - 28.0	.003
28.0 - 36.0	.002
36.0 - 47.0	.002
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 104  
DATE 24 JAN 1972  
TIME 15 46 8  
COUNTER NUMBER 971

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.8  
SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .17  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.011
7.0 - 9.0	.006
9.0 - 12.0	.007
12.0 - 16.0	.007
16.0 - 21.0	.006
21.0 - 28.0	.006
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 105  
DATE 24 JAN 1972  
TIME 15 46 14  
COUNTER NUMBER 972

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.9  
SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1559.8  
NUMBER DENSITY (NO/CM\*\*3) .31  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.046
7.0 - 9.0	.007
9.0 - 12.0	.011
12.0 - 16.0	.016
16.0 - 21.0	.014
21.0 - 28.0	.003
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 106  
DATE 24 JAN 1972  
TIME 15 46 19  
COUNTER NUMBER 973

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.9  
SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .36  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.041
7.0 - 9.0	.010
9.0 - 12.0	.013
12.0 - 16.0	.017
16.0 - 21.0	.005
21.0 - 28.0	.015
28.0 - 36.0	.002
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 107  
DATE 24 JAN 1972  
TIME 15 46 24  
COUNTER NUMBER 974

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.8  
SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .26  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.022
7.0 - 9.0	.020
9.0 - 12.0	0.000
12.0 - 16.0	.002
16.0 - 21.0	.014
21.0 - 28.0	.012
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 108  
DATE 24 JAN 1972  
TIME 15 46 29  
COUNTER NUMBER 975

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.6  
SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .89  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.042
7.0 - 9.0	.026
9.0 - 12.0	.040
12.0 - 16.0	.036
16.0 - 21.0	.039
21.0 - 28.0	.026
28.0 - 36.0	.013
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 006 109  
DATE 24 JAN 1972  
TIME 15 46 35  
COUNTER NUMBER 976

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.6

SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1559.8  
NUMBER DENSITY (NO/CM\*\*3) .432  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.013
7.0 - 9.0	.031
9.0 - 12.0	0.000
12.0 - 16.0	.012
16.0 - 21.0	.009
21.0 - 28.0	.012
28.0 - 36.0	.007
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 110  
DATE 24 JAN 1972  
TIME 15 46 40  
COUNTER NUMBER 977

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.7

SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .20  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.013
9.0 - 12.0	0.000
12.0 - 16.0	.016
16.0 - 21.0	0.000
21.0 - 28.0	.008
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 111  
DATE 24 JAN 1972  
TIME 15 46 45  
COUNTER NUMBER 978

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.6

SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) 2.67  
LIQ. WATER CONTENT (GM/M\*\*3) .022

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.074
7.0 - 9.0	.111
9.0 - 12.0	.095
12.0 - 16.0	.078
16.0 - 21.0	.130
21.0 - 28.0	.081
28.0 - 36.0	.049
36.0 - 47.0	.007
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 112  
DATE 24 JAN 1972  
TIME 15 46 50  
COUNTER NUMBER 979

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.5

SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) 1.74  
LIQ. WATER CONTENT (GM/M\*\*3) .018

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.105
7.0 - 9.0	.083
9.0 - 12.0	.039
12.0 - 16.0	.045
16.0 - 21.0	.069
21.0 - 28.0	.048
28.0 - 36.0	.036
36.0 - 47.0	.006
47.0 - 62.0	.003
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 006 113  
DATE 24 JAN 1972  
TIME 15 46 55  
COUNTER NUMBER 980

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.5

SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.004
7.0 - 9.0	.007
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.001
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 114  
DATE 24 JAN 1972  
TIME 15 47 0  
COUNTER NUMBER 981

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.5

SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .09  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	.013
12.0 - 16.0	.002
16.0 - 21.0	0.000
21.0 - 28.0	.006
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 115  
DATE 24 JAN 1972  
TIME 15 47 5  
COUNTER NUMBER 982

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.7

SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.011
7.0 - 9.0	.008
9.0 - 12.0	0.000
12.0 - 16.0	.001
16.0 - 21.0	.001
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 116  
DATE 24 JAN 1972  
TIME 15 47 11  
COUNTER NUMBER 983

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.9

SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1559.8  
NUMBER DENSITY (NO/CM\*\*3) .13  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.022
7.0 - 9.0	.007
9.0 - 12.0	0.000
12.0 - 16.0	.007
16.0 - 21.0	.004
21.0 - 28.0	.002
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 117  
DATE 24 JAN 1972  
TIME 15 47 16  
COUNTER NUMBER 984

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.8

SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .44  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.050
7.0 - 9.0	.023
9.0 - 12.0	.021
12.0 - 16.0	.002
16.0 - 21.0	.009
21.0 - 28.0	.012
28.0 - 36.0	.010
36.0 - 47.0	.003
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 118  
DATE 24 JAN 1972  
TIME 15 47 21  
COUNTER NUMBER 985

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.7

SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .01  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.004
7.0 - 9.0	.003
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 119  
DATE 24 JAN 1972  
TIME 15 47 27  
COUNTER NUMBER 986

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.7

SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1559.8  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.018
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.002
16.0 - 21.0	.001
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 120  
DATE 24 JAN 1972  
TIME 15 47 32  
COUNTER NUMBER 987

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 260.0  
AMBIENT TEMPERATURE (DEG K) 214.7

SAMPLED VOLUME (CM\*\*3) 450.0  
SAMPLE INTERVAL (M) 1299.9  
NUMBER DENSITY (NO/CM\*\*3) .02  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.004
7.0 - 9.0	0.000
9.0 - 12.0	.002
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER	006	121	FLIGHT NUMBER	006	122	FLIGHT NUMBER	006	123
DATE 24 JAN 1972			DATE 24 JAN 1972			DATE 24 JAN 1972		
TIME 16 11 27			TIME 16 11 29			TIME 16 11 31		
COUNTER NUMBER 1056			COUNTER NUMBER 1057			COUNTER NUMBER 1058		
AIRCRAFT ALTITUDE (KM)	13.7		AIRCRAFT ALTITUDE (KM)	13.7		AIRCRAFT ALTITUDE (KM)	13.7	
AIRCRAFT VELOCITY (M/S)	198.2		AIRCRAFT VELOCITY (M/S)	198.2		AIRCRAFT VELOCITY (M/S)	198.2	
AMBIENT TEMPERATURE (DEG K)	216.6		AMBIENT TEMPERATURE (DEG K)	216.5		AMBIENT TEMPERATURE (DEG K)	216.5	
SAMPLED VOLUME (CM**3)	144.0		SAMPLED VOLUME (CM**3)	144.0		SAMPLED VOLUME (CM**3)	144.0	
SAMPLE INTERVAL (M)	0.0		SAMPLE INTERVAL (M)	396.4		SAMPLE INTERVAL (M)	396.4	
NUMBER DENSITY (NO/CM**3)	.67		NUMBER DENSITY (NO/CM**3)	4.62		NUMBER DENSITY (NO/CM**3)	5.51	
LIQ. WATER CONTENT (GM/M**3)	.003		LIQ. WATER CONTENT (GM/M**3)	.004		LIQ. WATER CONTENT (GM/M**3)	.003	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.028		5.5 - 7.0	1.894		5.5 - 7.0	2.315	
7.0 - 9.0	.031		7.0 - 9.0	.497		7.0 - 9.0	.649	
9.0 - 12.0	.028		9.0 - 12.0	.079		9.0 - 12.0	.072	
12.0 - 16.0	.036		12.0 - 16.0	.069		12.0 - 16.0	.075	
16.0 - 21.0	.021		16.0 - 21.0	.012		16.0 - 21.0	.021	
21.0 - 28.0	.025		21.0 - 28.0	.009		21.0 - 28.0	.015	
28.0 - 36.0	.008		28.0 - 36.0	.018		28.0 - 36.0	.003	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	006	124	FLIGHT NUMBER	006	125	FLIGHT NUMBER	006	126
DATE 24 JAN 1972			DATE 24 JAN 1972			DATE 24 JAN 1972		
TIME 16 11 33			TIME 16 11 37			TIME 16 11 42		
COUNTER NUMBER 1059			COUNTER NUMBER 1061			COUNTER NUMBER 1063		
AIRCRAFT ALTITUDE (KM)	13.7		AIRCRAFT ALTITUDE (KM)	14.0		AIRCRAFT ALTITUDE (KM)	14.0	
AIRCRAFT VELOCITY (M/S)	198.2		AIRCRAFT VELOCITY (M/S)	198.2		AIRCRAFT VELOCITY (M/S)	198.2	
AMBIENT TEMPERATURE (DEG K)	216.4		AMBIENT TEMPERATURE (DEG K)	216.3		AMBIENT TEMPERATURE (DEG K)	216.2	
SAMPLED VOLUME (CM**3)	144.0		SAMPLED VOLUME (CM**3)	144.0		SAMPLED VOLUME (CM**3)	144.0	
SAMPLE INTERVAL (M)	396.4		SAMPLE INTERVAL (M)	792.8		SAMPLE INTERVAL (M)	991.0	
NUMBER DENSITY (NO/CM**3)	.50		NUMBER DENSITY (NO/CM**3)	.44		NUMBER DENSITY (NO/CM**3)	.21	
LIQ. WATER CONTENT (GM/M**3)	.003		LIQ. WATER CONTENT (GM/M**3)	.002		LIQ. WATER CONTENT (GM/M**3)	.001	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.097		5.5 - 7.0	.097		5.5 - 7.0	.014	
7.0 - 9.0	.010		7.0 - 9.0	.021		7.0 - 9.0	0.000	
9.0 - 12.0	.007		9.0 - 12.0	.014		9.0 - 12.0	.014	
12.0 - 16.0	.036		12.0 - 16.0	.005		12.0 - 16.0	.004	
16.0 - 21.0	.012		16.0 - 21.0	.012		16.0 - 21.0	.006	
21.0 - 28.0	.003		21.0 - 28.0	.009		21.0 - 28.0	0.000	
28.0 - 36.0	.005		28.0 - 36.0	.005		28.0 - 36.0	0.000	
36.0 - 47.0	.004		36.0 - 47.0	.002		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	006	127	FLIGHT NUMBER	006	128	FLIGHT NUMBER	006	129
DATE 24 JAN 1972			DATE 24 JAN 1972			DATE 24 JAN 1972		
TIME 16 11 46			TIME 16 11 51			TIME 16 11 55		
COUNTER NUMBER 1065			COUNTER NUMBER 1067			COUNTER NUMBER 1069		
AIRCRAFT ALTITUDE (KM)	14.0		AIRCRAFT ALTITUDE (KM)	14.0		AIRCRAFT ALTITUDE (KM)	14.0	
AIRCRAFT VELOCITY (M/S)	198.2		AIRCRAFT VELOCITY (M/S)	198.2		AIRCRAFT VELOCITY (M/S)	200.8	
AMBIENT TEMPERATURE (DEG K)	216.1		AMBIENT TEMPERATURE (DEG K)	215.8		AMBIENT TEMPERATURE (DEG K)	215.9	
SAMPLED VOLUME (CM**3)	144.0		SAMPLED VOLUME (CM**3)	144.0		SAMPLED VOLUME (CM**3)	146.0	
SAMPLE INTERVAL (M)	792.8		SAMPLE INTERVAL (M)	991.0		SAMPLE INTERVAL (M)	797.9	
NUMBER DENSITY (NO/CM**3)	.40		NUMBER DENSITY (NO/CM**3)	.38		NUMBER DENSITY (NO/CM**3)	.53	
LIQ. WATER CONTENT (GM/M**3)	.002		LIQ. WATER CONTENT (GM/M**3)	.003		LIQ. WATER CONTENT (GM/M**3)	.003	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.028		5.5 - 7.0	.028		5.5 - 7.0	.027	
7.0 - 9.0	.010		7.0 - 9.0	.031		7.0 - 9.0	.031	
9.0 - 12.0	.007		9.0 - 12.0	.014		9.0 - 12.0	.034	
12.0 - 16.0	.016		12.0 - 16.0	.010		12.0 - 16.0	.015	
16.0 - 21.0	.025		16.0 - 21.0	0.000		16.0 - 21.0	.008	
21.0 - 28.0	.015		21.0 - 28.0	.018		21.0 - 28.0	.021	
28.0 - 36.0	.003		28.0 - 36.0	.005		28.0 - 36.0	.008	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	.002	
47.0 - 62.0	0.000		47.0 - 62.0	.001		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	006	130	FLIGHT NUMBER	006	131	FLIGHT NUMBER	006	132
DATE 24 JAN 1972			DATE 24 JAN 1972			DATE 24 JAN 1972		
TIME 16 11 59			TIME 16 12 4			TIME 16 12 8		
COUNTER NUMBER 1071			COUNTER NUMBER 1073			COUNTER NUMBER 1075		
AIRCRAFT ALTITUDE (KM)	13.7		AIRCRAFT ALTITUDE (KM)	14.0		AIRCRAFT ALTITUDE (KM)	13.7	
AIRCRAFT VELOCITY (M/S)	200.8		AIRCRAFT VELOCITY (M/S)	205.9		AIRCRAFT VELOCITY (M/S)	205.9	
AMBIENT TEMPERATURE (DEG K)	216.0		AMBIENT TEMPERATURE (DEG K)	216.0		AMBIENT TEMPERATURE (DEG K)	215.9	
SAMPLED VOLUME (CM**3)	146.0		SAMPLED VOLUME (CM**3)	150.0		SAMPLED VOLUME (CM**3)	150.0	
SAMPLE INTERVAL (M)	803.1		SAMPLE INTERVAL (M)	1016.7		SAMPLE INTERVAL (M)	823.7	
NUMBER DENSITY (NO/CM**3)	9.01		NUMBER DENSITY (NO/CM**3)	.42		NUMBER DENSITY (NO/CM**3)	.81	
LIQ. WATER CONTENT (GM/M**3)	.009		LIQ. WATER CONTENT (GM/M**3)	.004		LIQ. WATER CONTENT (GM/M**3)	.007	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	2.479		5.5 - 7.0	.040		5.5 - 7.0	0.000	
7.0 - 9.0	1.199		7.0 - 9.0	.020		7.0 - 9.0	.070	
9.0 - 12.0	.420		9.0 - 12.0	0.000		9.0 - 12.0	.033	
12.0 - 16.0	.192		12.0 - 16.0	.015		12.0 - 16.0	.035	
16.0 - 21.0	.103		16.0 - 21.0	.012		16.0 - 21.0	0.000	
21.0 - 28.0	.039		21.0 - 28.0	.014		21.0 - 28.0	.024	
28.0 - 36.0	.008		28.0 - 36.0	.007		28.0 - 36.0	.026	
36.0 - 47.0	.002		36.0 - 47.0	.002		36.0 - 47.0	.005	
47.0 - 62.0	0.000		47.0 - 62.0	.001		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	

FLIGHT NUMBER 006 133  
DATE 24 JAN 1972  
TIME 16 12 12  
COUNTER NUMBER 1077

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 208.5  
AMBIENT TEMPERATURE (DEG K) 215.7  
  
SAMPLED VOLUME (CM\*\*3) 150.0  
SAMPLE INTERVAL (M) 828.8  
NUMBER DENSITY (NO/CM\*\*3) .67  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.067
7.0 - 9.0	.030
9.0 - 12.0	.007
12.0 - 16.0	0.000
16.0 - 21.0	.033
21.0 - 28.0	.032
28.0 - 36.0	.005
36.0 - 47.0	.004
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 134  
DATE 24 JAN 1972  
TIME 16 12 17  
COUNTER NUMBER 1079

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 215.4  
  
SAMPLED VOLUME (CM\*\*3) 144.0  
SAMPLE INTERVAL (M) 1016.7  
NUMBER DENSITY (NO/CM\*\*3) .98  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.130
7.0 - 9.0	.052
9.0 - 12.0	.014
12.0 - 16.0	.010
16.0 - 21.0	.035
21.0 - 28.0	.040
28.0 - 36.0	.013
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 135  
DATE 24 JAN 1972  
TIME 16 12 22  
COUNTER NUMBER 1081

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 205.9  
AMBIENT TEMPERATURE (DEG K) 215.5  
  
SAMPLED VOLUME (CM\*\*3) 150.0  
SAMPLE INTERVAL (M) 1010.3  
NUMBER DENSITY (NO/CM\*\*3) .97  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.080
7.0 - 9.0	.030
9.0 - 12.0	.040
12.0 - 16.0	.062
16.0 - 21.0	0.000
21.0 - 28.0	.017
28.0 - 36.0	.023
36.0 - 47.0	.005
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 136  
DATE 24 JAN 1972  
TIME 16 12 26  
COUNTER NUMBER 1083

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 205.9  
AMBIENT TEMPERATURE (DEG K) 215.3  
  
SAMPLED VOLUME (CM\*\*3) 150.0  
SAMPLE INTERVAL (M) 823.7  
NUMBER DENSITY (NO/CM\*\*3) .83  
LIQ. WATER CONTENT (GM/M\*\*3) .026

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.027
7.0 - 9.0	.050
9.0 - 12.0	.020
12.0 - 16.0	.015
16.0 - 21.0	.028
21.0 - 28.0	.024
28.0 - 36.0	.012
36.0 - 47.0	.005
47.0 - 62.0	.003
62.0 - 82.0	.002
82.0 - 108.0	.001

FLIGHT NUMBER 006 137  
DATE 24 JAN 1972  
TIME 16 12 30  
COUNTER NUMBER 1085

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 208.5  
AMBIENT TEMPERATURE (DEG K) 215.5  
  
SAMPLED VOLUME (CM\*\*3) 150.0  
SAMPLE INTERVAL (M) 828.8  
NUMBER DENSITY (NO/CM\*\*3) .32  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.010
9.0 - 12.0	0.000
12.0 - 16.0	.030
16.0 - 21.0	.004
21.0 - 28.0	.009
28.0 - 36.0	.010
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 138  
DATE 24 JAN 1972  
TIME 16 12 35  
COUNTER NUMBER 1087

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 211.1  
AMBIENT TEMPERATURE (DEG K) 215.3  
  
SAMPLED VOLUME (CM\*\*3) 152.0  
SAMPLE INTERVAL (M) 1048.9  
NUMBER DENSITY (NO/CM\*\*3) .53  
LIQ. WATER CONTENT (GM/M\*\*3) .015

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.026
7.0 - 9.0	.039
9.0 - 12.0	0.000
12.0 - 16.0	.020
16.0 - 21.0	.028
21.0 - 28.0	.006
28.0 - 36.0	.007
36.0 - 47.0	.005
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	.001

FLIGHT NUMBER 006 139  
DATE 24 JAN 1972  
TIME 16 12 39  
COUNTER NUMBER 1089

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 215.1  
  
SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 854.6  
NUMBER DENSITY (NO/CM\*\*3) 1.02  
LIQ. WATER CONTENT (GM/M\*\*3) .017

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.064
7.0 - 9.0	.038
9.0 - 12.0	.013
12.0 - 16.0	.064
16.0 - 21.0	.004
21.0 - 28.0	.042
28.0 - 36.0	.022
36.0 - 47.0	.002
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	.001

FLIGHT NUMBER 006 140  
DATE 24 JAN 1972  
TIME 16 12 44  
COUNTER NUMBER 1091

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 216.2  
AMBIENT TEMPERATURE (DEG K) 215.6  
  
SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 1081.1  
NUMBER DENSITY (NO/CM\*\*3) 2.09  
LIQ. WATER CONTENT (GM/M\*\*3) .029

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.184
7.0 - 9.0	.099
9.0 - 12.0	.019
12.0 - 16.0	.024
16.0 - 21.0	.055
21.0 - 28.0	.062
28.0 - 36.0	.054
36.0 - 47.0	.018
47.0 - 62.0	.008
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 141  
DATE 24 JAN 1972  
TIME 16 12 47  
COUNTER NUMBER 1093

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 215.2  
  
SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 652.5  
NUMBER DENSITY (NO/CM\*\*3) .62  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.064
7.0 - 9.0	0.000
9.0 - 12.0	.026
12.0 - 16.0	.024
16.0 - 21.0	.012
21.0 - 28.0	.008
28.0 - 36.0	.012
36.0 - 47.0	.007
47.0 - 62.0	.001
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 006 142  
DATE 24 JAN 1972  
TIME 16 12 52  
COUNTER NUMBER 1095

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 215.0  
  
SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) 1.40  
LIQ. WATER CONTENT (GM/M\*\*3) .019

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.090
7.0 - 9.0	.119
9.0 - 12.0	.053
12.0 - 16.0	.014
16.0 - 21.0	0.000
21.0 - 28.0	.042
28.0 - 36.0	.050
36.0 - 47.0	.003
47.0 - 62.0	.004
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 006 143  
DATE 24 JAN 1972  
TIME 16 12 56  
COUNTER NUMBER 1097

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 195.6  
AMBIENT TEMPERATURE (DEG K) 215.3  
  
SAMPLED VOLUME (CM\*\*3) 144.0  
SAMPLE INTERVAL (M) 828.8  
NUMBER DENSITY (NO/CM\*\*3) .77  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.056
7.0 - 9.0	.052
9.0 - 12.0	.049
12.0 - 16.0	.010
16.0 - 21.0	.004
21.0 - 28.0	.021
28.0 - 36.0	.016
36.0 - 47.0	.006
47.0 - 62.0	.001
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 006 144  
DATE 24 JAN 1972  
TIME 16 13 1  
COUNTER NUMBER 1099

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 195.6  
AMBIENT TEMPERATURE (DEG K) 215.2  
  
SAMPLED VOLUME (CM\*\*3) 144.0  
SAMPLE INTERVAL (M) 978.1  
NUMBER DENSITY (NO/CM\*\*3) 1.31  
LIQ. WATER CONTENT (GM/M\*\*3) .016

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.116
7.0 - 9.0	.097
9.0 - 12.0	.035
12.0 - 16.0	.069
16.0 - 21.0	.008
21.0 - 28.0	.025
28.0 - 36.0	.022
36.0 - 47.0	.009
47.0 - 62.0	.003
62.0 - 82.0	.001
82.0 - 108.0	0.000



FLIGHT NUMBER 006 145  
DATE 24 JAN 1972  
TIME 16 13 5  
COUNTER NUMBER 1101

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 195.6  
AMBIENT TEMPERATURE (DEG K) 215.5  
SAMPLED VOLUME (CM\*\*3) 144.0  
SAMPLE INTERVAL (M) 782.5  
NUMBER DENSITY (NO/CM\*\*3) 1.21  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.028
7.0 - 9.0	.128
9.0 - 12.0	.042
12.0 - 16.0	0.000
16.0 - 21.0	.029
21.0 - 28.0	.043
28.0 - 36.0	.027
36.0 - 47.0	.009
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 146  
DATE 24 JAN 1972  
TIME 16 13 10  
COUNTER NUMBER 1103

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 195.6  
AMBIENT TEMPERATURE (DEG K) 215.3  
SAMPLED VOLUME (CM\*\*3) 144.0  
SAMPLE INTERVAL (M) 978.1  
NUMBER DENSITY (NO/CM\*\*3) 1.99  
LIQ. WATER CONTENT (GM/M\*\*3) .021

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.130
7.0 - 9.0	.097
9.0 - 12.0	.072
12.0 - 16.0	.080
16.0 - 21.0	.021
21.0 - 28.0	.046
28.0 - 36.0	.054
36.0 - 47.0	.016
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 147  
DATE 24 JAN 1972  
TIME 16 13 14  
COUNTER NUMBER 1105

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 215.1  
SAMPLED VOLUME (CM\*\*3) 144.0  
SAMPLE INTERVAL (M) 787.6  
NUMBER DENSITY (NO/CM\*\*3) 2.19  
LIQ. WATER CONTENT (GM/M\*\*3) .042

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.157
7.0 - 9.0	.052
9.0 - 12.0	.058
12.0 - 16.0	.130
16.0 - 21.0	.029
21.0 - 28.0	.056
28.0 - 36.0	.018
36.0 - 47.0	.032
47.0 - 62.0	.004
62.0 - 82.0	.002
82.0 - 108.0	.001

FLIGHT NUMBER 006 148  
DATE 24 JAN 1972  
TIME 16 13 19  
COUNTER NUMBER 1107

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 215.4  
SAMPLED VOLUME (CM\*\*3) 144.0  
SAMPLE INTERVAL (M) 991.0  
NUMBER DENSITY (NO/CM\*\*3) 2.58  
LIQ. WATER CONTENT (GM/M\*\*3) .038

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.144
7.0 - 9.0	.073
9.0 - 12.0	.065
12.0 - 16.0	.113
16.0 - 21.0	.056
21.0 - 28.0	.108
28.0 - 36.0	.024
36.0 - 47.0	.011
47.0 - 62.0	.012
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 006 149  
DATE 24 JAN 1972  
TIME 16 13 23  
COUNTER NUMBER 1109

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 200.8  
AMBIENT TEMPERATURE (DEG K) 214.8  
SAMPLED VOLUME (CM\*\*3) 146.0  
SAMPLE INTERVAL (M) 797.9  
NUMBER DENSITY (NO/CM\*\*3) 1.25  
LIQ. WATER CONTENT (GM/M\*\*3) .019

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.055
7.0 - 9.0	.086
9.0 - 12.0	.014
12.0 - 16.0	.068
16.0 - 21.0	.021
21.0 - 28.0	.015
28.0 - 36.0	.034
36.0 - 47.0	.007
47.0 - 62.0	.008
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 150  
DATE 24 JAN 1972  
TIME 16 13 27  
COUNTER NUMBER 1111

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 200.8  
AMBIENT TEMPERATURE (DEG K) 214.5  
SAMPLED VOLUME (CM\*\*3) 146.0  
SAMPLE INTERVAL (M) 803.1  
NUMBER DENSITY (NO/CM\*\*3) 1.90  
LIQ. WATER CONTENT (GM/M\*\*3) .015

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.183
7.0 - 9.0	.051
9.0 - 12.0	.064
12.0 - 16.0	.063
16.0 - 21.0	.038
21.0 - 28.0	.073
28.0 - 36.0	.032
36.0 - 47.0	.009
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 151  
DATE 24 JAN 1972  
TIME 16 13 32  
COUNTER NUMBER 1113

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 200.8  
AMBIENT TEMPERATURE (DEG K) 215.0  
SAMPLED VOLUME (CM\*\*3) 146.0  
SAMPLE INTERVAL (M) 1003.9  
NUMBER DENSITY (NO/CM\*\*3) .77  
LIQ. WATER CONTENT (GM/M\*\*3) .009

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.041
7.0 - 9.0	.086
9.0 - 12.0	.014
12.0 - 16.0	.015
16.0 - 21.0	.012
21.0 - 28.0	.018
28.0 - 36.0	.015
36.0 - 47.0	.009
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 152  
DATE 24 JAN 1972  
TIME 16 13 36  
COUNTER NUMBER 1115

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 215.2  
SAMPLED VOLUME (CM\*\*3) 144.0  
SAMPLE INTERVAL (M) 797.9  
NUMBER DENSITY (NO/CM\*\*3) .88  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.087
9.0 - 12.0	.049
12.0 - 16.0	.054
16.0 - 21.0	.008
21.0 - 28.0	.031
28.0 - 36.0	.005
36.0 - 47.0	.002
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 153  
DATE 24 JAN 1972  
TIME 16 13 41  
COUNTER NUMBER 1117

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 215.4  
SAMPLED VOLUME (CM\*\*3) 144.0  
SAMPLE INTERVAL (M) 991.0  
NUMBER DENSITY (NO/CM\*\*3) 1.41  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.130
7.0 - 9.0	.052
9.0 - 12.0	.035
12.0 - 16.0	.080
16.0 - 21.0	.035
21.0 - 28.0	.037
28.0 - 36.0	.022
36.0 - 47.0	.006
47.0 - 62.0	0.000
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 006 154  
DATE 24 JAN 1972  
TIME 16 13 45  
COUNTER NUMBER 1119

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 215.8  
SAMPLED VOLUME (CM\*\*3) 144.0  
SAMPLE INTERVAL (M) 792.8  
NUMBER DENSITY (NO/CM\*\*3) .67  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.056
7.0 - 9.0	.073
9.0 - 12.0	.035
12.0 - 16.0	.016
16.0 - 21.0	.004
21.0 - 28.0	.021
28.0 - 36.0	.013
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 155  
DATE 24 JAN 1972  
TIME 16 13 49  
COUNTER NUMBER 1121

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 198.2  
AMBIENT TEMPERATURE (DEG K) 216.3  
SAMPLED VOLUME (CM\*\*3) 144.0  
SAMPLE INTERVAL (M) 792.8  
NUMBER DENSITY (NO/CM\*\*3) .78  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.028
7.0 - 9.0	.063
9.0 - 12.0	.014
12.0 - 16.0	.021
16.0 - 21.0	.035
21.0 - 28.0	.021
28.0 - 36.0	.016
36.0 - 47.0	.002
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 156  
DATE 24 JAN 1972  
TIME 16 13 54  
COUNTER NUMBER 1123

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 200.8  
AMBIENT TEMPERATURE (DEG K) 215.5  
SAMPLED VOLUME (CM\*\*3) 146.0  
SAMPLE INTERVAL (M) 997.4  
NUMBER DENSITY (NO/CM\*\*3) .84  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.041
7.0 - 9.0	.041
9.0 - 12.0	.034
12.0 - 16.0	.010
16.0 - 21.0	.012
21.0 - 28.0	.030
28.0 - 36.0	.027
36.0 - 47.0	.006
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 157  
DATE 24 JAN 1972  
TIME 16 13 58  
COUNTER NUMBER 1125

AIRCRAFT ALTITUDE (KM) 13.1  
AIRCRAFT VELOCITY (M/S) 200.8  
AMBIENT TEMPERATURE (DEG K) 215.8  
  
SAMPLED VOLUME (CM\*\*3) 140.0  
SAMPLE INTERVAL (M) 803.1  
NUMBER DENSITY (NO/CM\*\*3) .92  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.082
7.0 - 9.0	.062
9.0 - 12.0	.027
12.0 - 16.0	.010
16.0 - 21.0	.021
21.0 - 28.0	.030
28.0 - 36.0	.021
36.0 - 47.0	.004
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 158  
DATE 24 JAN 1972  
TIME 16 14 2  
COUNTER NUMBER 1127

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 203.3  
AMBIENT TEMPERATURE (DEG K) 215.3  
  
SAMPLED VOLUME (CM\*\*3) 148.0  
SAMPLE INTERVAL (M) 808.2  
NUMBER DENSITY (NO/CM\*\*3) 1.11  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.095
7.0 - 9.0	.071
9.0 - 12.0	.047
12.0 - 16.0	.035
16.0 - 21.0	.024
21.0 - 28.0	.017
28.0 - 36.0	.015
36.0 - 47.0	.013
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 159  
DATE 24 JAN 1972  
TIME 16 14 7  
COUNTER NUMBER 1129

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 203.3  
AMBIENT TEMPERATURE (DEG K) 217.1  
  
SAMPLED VOLUME (CM\*\*3) 148.0  
SAMPLE INTERVAL (M) 1016.7  
NUMBER DENSITY (NO/CM\*\*3) 1.30  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.113
7.0 - 9.0	.084
9.0 - 12.0	.083
12.0 - 16.0	.025
16.0 - 21.0	.054
21.0 - 28.0	.014
28.0 - 36.0	.010
36.0 - 47.0	.009
47.0 - 62.0	.003
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 006 160  
DATE 24 JAN 1972  
TIME 16 14 12  
COUNTER NUMBER 1131

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 205.9  
AMBIENT TEMPERATURE (DEG K) 216.7  
  
SAMPLED VOLUME (CM\*\*3) 150.0  
SAMPLE INTERVAL (M) 1023.2  
NUMBER DENSITY (NO/CM\*\*3) 1.24  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.040
7.0 - 9.0	.143
9.0 - 12.0	.027
12.0 - 16.0	.025
16.0 - 21.0	.037
21.0 - 28.0	.038
28.0 - 36.0	.012
36.0 - 47.0	.013
47.0 - 62.0	0.000
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 006 161  
DATE 24 JAN 1972  
TIME 16 14 16  
COUNTER NUMBER 1133

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 208.5  
AMBIENT TEMPERATURE (DEG K) 217.3  
  
SAMPLED VOLUME (CM\*\*3) 150.0  
SAMPLE INTERVAL (M) 828.8  
NUMBER DENSITY (NO/CM\*\*3) .77  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.027
7.0 - 9.0	0.000
9.0 - 12.0	.069
12.0 - 16.0	.057
16.0 - 21.0	.012
21.0 - 28.0	.017
28.0 - 36.0	.010
36.0 - 47.0	.002
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 162  
DATE 24 JAN 1972  
TIME 16 14 20  
COUNTER NUMBER 1135

AIRCRAFT ALTITUDE (KM) 12.8  
AIRCRAFT VELOCITY (M/S) 211.1  
AMBIENT TEMPERATURE (DEG K) 217.2  
  
SAMPLED VOLUME (CM\*\*3) 152.0  
SAMPLE INTERVAL (M) 839.1  
NUMBER DENSITY (NO/CM\*\*3) .88  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.066
7.0 - 9.0	.049
9.0 - 12.0	.026
12.0 - 16.0	.020
16.0 - 21.0	.033
21.0 - 28.0	.023
28.0 - 36.0	.015
36.0 - 47.0	.002
47.0 - 62.0	.003
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 006 163  
DATE 24 JAN 1972  
TIME 16 14 25  
COUNTER NUMBER 1137

AIRCRAFT ALTITUDE (KM) 12.5  
AIRCRAFT VELOCITY (M/S) 211.1  
AMBIENT TEMPERATURE (DEG K) 217.3  
  
SAMPLED VOLUME (CM\*\*3) 152.0  
SAMPLE INTERVAL (M) 1055.3  
NUMBER DENSITY (NO/CM\*\*3) 1.32  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.162
7.0 - 9.0	.030
9.0 - 12.0	.026
12.0 - 16.0	.035
16.0 - 21.0	.037
21.0 - 28.0	.026
28.0 - 36.0	.044
36.0 - 47.0	.005
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 164  
DATE 24 JAN 1972  
TIME 16 14 29  
COUNTER NUMBER 1139

AIRCRAFT ALTITUDE (KM) 12.5  
AIRCRAFT VELOCITY (M/S) 211.1  
AMBIENT TEMPERATURE (DEG K) 217.7  
  
SAMPLED VOLUME (CM\*\*3) 152.0  
SAMPLE INTERVAL (M) 844.3  
NUMBER DENSITY (NO/CM\*\*3) 1.57  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.149
7.0 - 9.0	.092
9.0 - 12.0	.061
12.0 - 16.0	.041
16.0 - 21.0	.024
21.0 - 28.0	.047
28.0 - 36.0	.025
36.0 - 47.0	.011
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 165  
DATE 24 JAN 1972  
TIME 16 14 34  
COUNTER NUMBER 1141

AIRCRAFT ALTITUDE (KM) 12.5  
AIRCRAFT VELOCITY (M/S) 211.1  
AMBIENT TEMPERATURE (DEG K) 216.0  
  
SAMPLED VOLUME (CM\*\*3) 152.0  
SAMPLE INTERVAL (M) 1055.3  
NUMBER DENSITY (NO/CM\*\*3) 1.12  
LIQ. WATER CONTENT (GM/M\*\*3) .013

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.092
7.0 - 9.0	.030
9.0 - 12.0	.068
12.0 - 16.0	.030
16.0 - 21.0	.028
21.0 - 28.0	.017
28.0 - 36.0	.028
36.0 - 47.0	.004
47.0 - 62.0	.005
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 166  
DATE 24 JAN 1972  
TIME 16 14 38  
COUNTER NUMBER 1143

AIRCRAFT ALTITUDE (KM) 12.5  
AIRCRAFT VELOCITY (M/S) 211.1  
AMBIENT TEMPERATURE (DEG K) 218.1  
  
SAMPLED VOLUME (CM\*\*3) 152.0  
SAMPLE INTERVAL (M) 844.3  
NUMBER DENSITY (NO/CM\*\*3) .86  
LIQ. WATER CONTENT (GM/M\*\*3) .009

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.110
7.0 - 9.0	.020
9.0 - 12.0	.020
12.0 - 16.0	.015
16.0 - 21.0	.049
21.0 - 28.0	.017
28.0 - 36.0	.015
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 006 167  
DATE 24 JAN 1972  
TIME 16 14 42  
COUNTER NUMBER 1145

AIRCRAFT ALTITUDE (KM) 12.5  
AIRCRAFT VELOCITY (M/S) 211.1  
AMBIENT TEMPERATURE (DEG K) 218.3  
  
SAMPLED VOLUME (CM\*\*3) 152.0  
SAMPLE INTERVAL (M) 844.3  
NUMBER DENSITY (NO/CM\*\*3) .28  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.039
7.0 - 9.0	0.000
9.0 - 12.0	.013
12.0 - 16.0	.015
16.0 - 21.0	0.000
21.0 - 28.0	.011
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 168  
DATE 24 JAN 1972  
TIME 16 14 47  
COUNTER NUMBER 1147

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 211.1  
AMBIENT TEMPERATURE (DEG K) 218.8  
  
SAMPLED VOLUME (CM\*\*3) 152.0  
SAMPLE INTERVAL (M) 1055.3  
NUMBER DENSITY (NO/CM\*\*3) .34  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.013
7.0 - 9.0	.010
9.0 - 12.0	0.000
12.0 - 16.0	.025
16.0 - 21.0	.012
21.0 - 28.0	.011
28.0 - 36.0	.005
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 169  
DATE 24 JAN 1972  
TIME 16 14 51  
COUNTER NUMBER 1149

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 211.1  
AMBIENT TEMPERATURE (DEG K) 218.9

SAMPLED VOLUME (CM\*\*3) 152.0  
SAMPLE INTERVAL (M) 844.3  
NUMBER DENSITY (NO/CM\*\*3) .43  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.053
7.0 - 9.0	.030
9.0 - 12.0	.020
12.0 - 16.0	.010
16.0 - 21.0	.004
21.0 - 28.0	.008
28.0 - 36.0	.007
36.0 - 47.0	.004
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 170  
DATE 24 JAN 1972  
TIME 16 14 55  
COUNTER NUMBER 1151

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 213.6  
AMBIENT TEMPERATURE (DEG K) 219.2

SAMPLED VOLUME (CM\*\*3) 154.0  
SAMPLE INTERVAL (M) 849.4  
NUMBER DENSITY (NO/CM\*\*3) .31  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.013
7.0 - 9.0	.019
9.0 - 12.0	.013
12.0 - 16.0	.024
16.0 - 21.0	.008
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 171  
DATE 24 JAN 1972  
TIME 16 15 0  
COUNTER NUMBER 1153

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 213.6  
AMBIENT TEMPERATURE (DEG K) 219.2

SAMPLED VOLUME (CM\*\*3) 154.0  
SAMPLE INTERVAL (M) 1068.2  
NUMBER DENSITY (NO/CM\*\*3) .33  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/LM DIA.INT.

5.5 - 7.0	.039
7.0 - 9.0	0.000
9.0 - 12.0	.026
12.0 - 16.0	.005
16.0 - 21.0	.008
21.0 - 28.0	.006
28.0 - 36.0	.010
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 172  
DATE 24 JAN 1972  
TIME 16 15 4  
COUNTER NUMBER 1155

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 213.6  
AMBIENT TEMPERATURE (DEG K) 219.9

SAMPLED VOLUME (CM\*\*3) 154.0  
SAMPLE INTERVAL (M) 854.6  
NUMBER DENSITY (NO/CM\*\*3) .33  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.013
7.0 - 9.0	.010
9.0 - 12.0	0.000
12.0 - 16.0	.019
16.0 - 21.0	.008
21.0 - 28.0	.011
28.0 - 36.0	.002
36.0 - 47.0	.004
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 173  
DATE 24 JAN 1972  
TIME 16 15 9  
COUNTER NUMBER 1157

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 213.6  
AMBIENT TEMPERATURE (DEG K) 220.1

SAMPLED VOLUME (CM\*\*3) 154.0  
SAMPLE INTERVAL (M) 1068.2  
NUMBER DENSITY (NO/CM\*\*3) .57  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.026
7.0 - 9.0	.029
9.0 - 12.0	.026
12.0 - 16.0	.005
16.0 - 21.0	.027
21.0 - 28.0	.026
28.0 - 36.0	.005
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 174  
DATE 24 JAN 1972  
TIME 16 15 13  
COUNTER NUMBER 1159

AIRCRAFT ALTITUDE (KM) 12.2  
AIRCRAFT VELOCITY (M/S) 213.6  
AMBIENT TEMPERATURE (DEG K) 220.4

SAMPLED VOLUME (CM\*\*3) 154.0  
SAMPLE INTERVAL (M) 854.6  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/LM DIA.INT.

5.5 - 7.0	.013
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.005
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 175  
DATE 24 JAN 1972  
TIME 16 17 22  
COUNTER NUMBER 1165

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.010
9.0 - 12.0	.006
12.0 - 16.0	.005
16.0 - 21.0	0.000
21.0 - 28.0	.003
28.0 - 36.0	0.000
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 176  
DATE 24 JAN 1972  
TIME 16 17 26  
COUNTER NUMBER 1190

AIRCRAFT ALTITUDE (KM) 10.1  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 875.2  
NUMBER DENSITY (NO/CM\*\*3) .27  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.051
7.0 - 9.0	.019
9.0 - 12.0	.006
12.0 - 16.0	.010
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	.010
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 177  
DATE 24 JAN 1972  
TIME 16 17 30  
COUNTER NUMBER 1192

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 875.2  
NUMBER DENSITY (NO/CM\*\*3) .40  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/LM DIA.INT.

5.5 - 7.0	.077
7.0 - 9.0	.010
9.0 - 12.0	.038
12.0 - 16.0	.005
16.0 - 21.0	0.000
21.0 - 28.0	.016
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 178  
DATE 24 JAN 1972  
TIME 16 17 35  
COUNTER NUMBER 1194

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .96  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.013
7.0 - 9.0	.080
9.0 - 12.0	.045
12.0 - 16.0	.029
16.0 - 21.0	.012
21.0 - 28.0	.037
28.0 - 36.0	.020
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 179  
DATE 24 JAN 1972  
TIME 16 17 39  
COUNTER NUMBER 1196

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 875.2  
NUMBER DENSITY (NO/CM\*\*3) .42  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.026
7.0 - 9.0	.019
9.0 - 12.0	.032
12.0 - 16.0	.029
16.0 - 21.0	.004
21.0 - 28.0	.011
28.0 - 36.0	.005
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 180  
DATE 24 JAN 1972  
TIME 16 17 44  
COUNTER NUMBER 1198

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 218.8  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 156.0  
SAMPLE INTERVAL (M) 1093.9  
NUMBER DENSITY (NO/CM\*\*3) .33  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/LM DIA.INT.

5.5 - 7.0	.038
7.0 - 9.0	.010
9.0 - 12.0	0.000
12.0 - 16.0	.024
16.0 - 21.0	.015
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 006	181	FLIGHT NUMBER 006	182	FLIGHT NUMBER 006	183
DATE 24 JAN 1972		DATE 24 JAN 1972		DATE 24 JAN 1972	
TIME 16 17 48		TIME 16 17 53		TIME 16 17 57	
COUNTER NUMBER 1200		COUNTER NUMBER 1202		COUNTER NUMBER 1204	
AIRCRAFT ALTITUDE (KM)	10.4	AIRCRAFT ALTITUDE (KM)	10.4	AIRCRAFT ALTITUDE (KM)	10.4
AIRCRAFT VELOCITY (M/S)	221.4	AIRCRAFT VELOCITY (M/S)	223.9	AIRCRAFT VELOCITY (M/S)	223.9
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	158.0	SAMPLED VOLUME (CM**3)	160.0	SAMPLED VOLUME (CM**3)	160.0
SAMPLE INTERVAL (M)	880.3	SAMPLE INTERVAL (M)	1113.3	SAMPLE INTERVAL (M)	895.8
NUMBER DENSITY (NO/CM**3)	.27	NUMBER DENSITY (NO/CM**3)	.32	NUMBER DENSITY (NO/CM**3)	1.34
LIQ. WATER CONTENT (GM/M**3)	.001	LIQ. WATER CONTENT (GM/M**3)	.002	LIQ. WATER CONTENT (GM/M**3)	.018
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.013	5.5 - 7.0	.025	5.5 - 7.0	.142
7.0 - 9.0	.038	7.0 - 9.0	0.000	7.0 - 9.0	.078
9.0 - 12.0	0.000	9.0 - 12.0	0.000	9.0 - 12.0	.031
12.0 - 16.0	.009	12.0 - 16.0	.019	12.0 - 16.0	.023
16.0 - 21.0	.011	16.0 - 21.0	.011	16.0 - 21.0	.042
21.0 - 28.0	.008	21.0 - 28.0	.008	21.0 - 28.0	.038
28.0 - 36.0	.002	28.0 - 36.0	.012	28.0 - 36.0	.020
36.0 - 47.0	0.000	36.0 - 47.0	0.000	36.0 - 47.0	.005
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	.005
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	.001
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 006	184	FLIGHT NUMBER 006	185	FLIGHT NUMBER 006	186
DATE 24 JAN 1972		DATE 24 JAN 1972		DATE 24 JAN 1972	
TIME 16 18 1		TIME 16 18 6		TIME 16 18 10	
COUNTER NUMBER 1206		COUNTER NUMBER 1208		COUNTER NUMBER 1210	
AIRCRAFT ALTITUDE (KM)	10.1	AIRCRAFT ALTITUDE (KM)	10.1	AIRCRAFT ALTITUDE (KM)	10.1
AIRCRAFT VELOCITY (M/S)	223.9	AIRCRAFT VELOCITY (M/S)	223.9	AIRCRAFT VELOCITY (M/S)	223.9
AMBIENT TEMPERATURE (DEG K)	237.5	AMBIENT TEMPERATURE (DEG K)	236.1	AMBIENT TEMPERATURE (DEG K)	237.8
SAMPLED VOLUME (CM**3)	160.0	SAMPLED VOLUME (CM**3)	160.0	SAMPLED VOLUME (CM**3)	160.0
SAMPLE INTERVAL (M)	895.8	SAMPLE INTERVAL (M)	1119.7	SAMPLE INTERVAL (M)	895.8
NUMBER DENSITY (NO/CM**3)	1.54	NUMBER DENSITY (NO/CM**3)	.28	NUMBER DENSITY (NO/CM**3)	.11
LIQ. WATER CONTENT (GM/M**3)	.012	LIQ. WATER CONTENT (GM/M**3)	.003	LIQ. WATER CONTENT (GM/M**3)	.001
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.104	5.5 - 7.0	.012	5.5 - 7.0	0.000
7.0 - 9.0	.066	7.0 - 9.0	.019	7.0 - 9.0	0.000
9.0 - 12.0	.052	9.0 - 12.0	.006	9.0 - 12.0	.006
12.0 - 16.0	.067	12.0 - 16.0	.014	12.0 - 16.0	.005
16.0 - 21.0	.050	16.0 - 21.0	.007	16.0 - 21.0	.004
21.0 - 28.0	.045	21.0 - 28.0	.005	21.0 - 28.0	.005
28.0 - 36.0	.024	28.0 - 36.0	.005	28.0 - 36.0	.002
36.0 - 47.0	.003	36.0 - 47.0	.003	36.0 - 47.0	0.000
47.0 - 62.0	.002	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 006	187	FLIGHT NUMBER 006	188	FLIGHT NUMBER 006	189
DATE 24 JAN 1972		DATE 24 JAN 1972		DATE 24 JAN 1972	
TIME 16 18 14		TIME 16 18 17		TIME 16 18 30	
COUNTER NUMBER 1212		COUNTER NUMBER 1213		COUNTER NUMBER 1219	
AIRCRAFT ALTITUDE (KM)	10.1	AIRCRAFT ALTITUDE (KM)	10.1	AIRCRAFT ALTITUDE (KM)	10.4
AIRCRAFT VELOCITY (M/S)	226.5	AIRCRAFT VELOCITY (M/S)	226.5	AIRCRAFT VELOCITY (M/S)	226.5
AMBIENT TEMPERATURE (DEG K)	238.5	AMBIENT TEMPERATURE (DEG K)	239.2	AMBIENT TEMPERATURE (DEG K)	239.4
SAMPLED VOLUME (CM**3)	243.0	SAMPLED VOLUME (CM**3)	162.0	SAMPLED VOLUME (CM**3)	162.0
SAMPLE INTERVAL (M)	900.9	SAMPLE INTERVAL (M)	679.5	SAMPLE INTERVAL (M)	2944.7
NUMBER DENSITY (NO/CM**3)	.04	NUMBER DENSITY (NO/CM**3)	.07	NUMBER DENSITY (NO/CM**3)	.04
LIQ. WATER CONTENT (GM/M**3)	.000	LIQ. WATER CONTENT (GM/M**3)	.004	LIQ. WATER CONTENT (GM/M**3)	.000
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.016	5.5 - 7.0	0.000	5.5 - 7.0	0.000
7.0 - 9.0	0.000	7.0 - 9.0	0.000	7.0 - 9.0	0.000
9.0 - 12.0	0.000	9.0 - 12.0	.012	9.0 - 12.0	0.000
12.0 - 16.0	0.000	12.0 - 16.0	0.000	12.0 - 16.0	0.000
16.0 - 21.0	0.000	16.0 - 21.0	0.000	16.0 - 21.0	.004
21.0 - 28.0	0.000	21.0 - 28.0	0.000	21.0 - 28.0	.003
28.0 - 36.0	0.000	28.0 - 36.0	.002	28.0 - 36.0	0.000
36.0 - 47.0	.001	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	.001	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 006	190	FLIGHT NUMBER 006	191	FLIGHT NUMBER 006	192
DATE 24 JAN 1972		DATE 24 JAN 1972		DATE 24 JAN 1972	
TIME 16 18 35		TIME 16 18 39		TIME 16 18 43	
COUNTER NUMBER 1221		COUNTER NUMBER 1223		COUNTER NUMBER 1225	
AIRCRAFT ALTITUDE (KM)	10.1	AIRCRAFT ALTITUDE (KM)	10.4	AIRCRAFT ALTITUDE (KM)	10.4
AIRCRAFT VELOCITY (M/S)	229.1	AIRCRAFT VELOCITY (M/S)	229.1	AIRCRAFT VELOCITY (M/S)	229.1
AMBIENT TEMPERATURE (DEG K)	240.0	AMBIENT TEMPERATURE (DEG K)	240.2	AMBIENT TEMPERATURE (DEG K)	240.5
SAMPLED VOLUME (CM**3)	162.0	SAMPLED VOLUME (CM**3)	162.0	SAMPLED VOLUME (CM**3)	162.0
SAMPLE INTERVAL (M)	1139.0	SAMPLE INTERVAL (M)	916.3	SAMPLE INTERVAL (M)	916.3
NUMBER DENSITY (NO/CM**3)	.19	NUMBER DENSITY (NO/CM**3)	.41	NUMBER DENSITY (NO/CM**3)	.005
LIQ. WATER CONTENT (GM/M**3)	.001	LIQ. WATER CONTENT (GM/M**3)	.003	LIQ. WATER CONTENT (GM/M**3)	.005
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	0.000	5.5 - 7.0	.037	5.5 - 7.0	.062
7.0 - 9.0	.026	7.0 - 9.0	.037	7.0 - 9.0	.028
9.0 - 12.0	0.000	9.0 - 12.0	.019	9.0 - 12.0	0.000
12.0 - 16.0	.005	12.0 - 16.0	.005	12.0 - 16.0	.009
16.0 - 21.0	.015	16.0 - 21.0	.015	16.0 - 21.0	0.000
21.0 - 28.0	.005	21.0 - 28.0	.011	21.0 - 28.0	.027
28.0 - 36.0	0.000	28.0 - 36.0	.002	28.0 - 36.0	.005
36.0 - 47.0	0.000	36.0 - 47.0	.002	36.0 - 47.0	.003
47.0 - 62.0	0.000	47.0 - 62.0	.001	47.0 - 62.0	.001
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000

FLIGHT NUMBER 006 193  
DATE 24 JAN 1972  
TIME 16 18 47  
COUNTER NUMBER 1227

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 229.1  
AMBIENT TEMPERATURE (DEG K) 240.1  
  
SAMPLED VOLUME (CM\*\*3) 162.0  
SAMPLE INTERVAL (M) 916.3  
NUMBER DENSITY (NO/CM\*\*3) .54  
LIQ. WATER CONTENT (GM/M\*\*3) .009

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.012
7.0 - 9.0	.009
9.0 - 12.0	.031
12.0 - 16.0	.009
16.0 - 21.0	.035
21.0 - 28.0	.013
28.0 - 36.0	.005
36.0 - 47.0	.002
47.0 - 62.0	.002
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 006 194  
DATE 24 JAN 1972  
TIME 16 18 52  
COUNTER NUMBER 1229

AIRCRAFT ALTITUDE (KM) 10.4  
AIRCRAFT VELOCITY (M/S) 229.1  
AMBIENT TEMPERATURE (DEG K) 239.7  
  
SAMPLED VOLUME (CM\*\*3) 162.0  
SAMPLE INTERVAL (M) 1145.4  
NUMBER DENSITY (NO/CM\*\*3) .13  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.046
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.003
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 195  
DATE 24 JAN 1972  
TIME 16 18 56  
COUNTER NUMBER 1231

AIRCRAFT ALTITUDE (KM) 10.1  
AIRCRAFT VELOCITY (M/S) 229.1  
AMBIENT TEMPERATURE (DEG K) 239.4  
  
SAMPLED VOLUME (CM\*\*3) 162.0  
SAMPLE INTERVAL (M) 916.3  
NUMBER DENSITY (NO/CM\*\*3) .02  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.012
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 196  
DATE 24 JAN 1972  
TIME 16 23 56  
COUNTER NUMBER 1278

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 283.0  
  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 19.64  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.950
7.0 - 9.0	3.888
9.0 - 12.0	2.129
12.0 - 16.0	.582
16.0 - 21.0	.045
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 197  
DATE 24 JAN 1972  
TIME 16 24 0  
COUNTER NUMBER 1281

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 283.2  
  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 695.0  
NUMBER DENSITY (NO/CM\*\*3) 64.29  
LIQ. WATER CONTENT (GM/M\*\*3) .061

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.481
7.0 - 9.0	7.016
9.0 - 12.0	6.164
12.0 - 16.0	4.635
16.0 - 21.0	.990
21.0 - 28.0	.007
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 198  
DATE 24 JAN 1972  
TIME 16 24 5  
COUNTER NUMBER 1285

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 282.6  
  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 2.16  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.561
7.0 - 9.0	.317
9.0 - 12.0	.164
12.0 - 16.0	.048
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 199  
DATE 24 JAN 1972  
TIME 16 24 9  
COUNTER NUMBER 1288

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 282.9  
  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 669.2  
NUMBER DENSITY (NO/CM\*\*3) 33.19  
LIQ. WATER CONTENT (GM/M\*\*3) .070

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.746
7.0 - 9.0	1.810
9.0 - 12.0	1.698
12.0 - 16.0	2.119
16.0 - 21.0	2.270
21.0 - 28.0	.290
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 200  
DATE 24 JAN 1972  
TIME 16 24 15  
COUNTER NUMBER 1293

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 159.6  
AMBIENT TEMPERATURE (DEG K) 283.0  
  
SAMPLED VOLUME (CM\*\*3) 61.0  
SAMPLE INTERVAL (M) 980.7  
NUMBER DENSITY (NO/CM\*\*3) 80.85  
LIQ. WATER CONTENT (GM/M\*\*3) .148

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.858
7.0 - 9.0	4.426
9.0 - 12.0	4.574
12.0 - 16.0	6.697
16.0 - 21.0	4.538
21.0 - 28.0	.431
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 201  
DATE 24 JAN 1972  
TIME 16 24 20  
COUNTER NUMBER 1297

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 162.2  
AMBIENT TEMPERATURE (DEG K) 282.6  
  
SAMPLED VOLUME (CM\*\*3) 62.0  
SAMPLE INTERVAL (M) 804.4  
NUMBER DENSITY (NO/CM\*\*3) 79.68  
LIQ. WATER CONTENT (GM/M\*\*3) .105

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.129
7.0 - 9.0	5.565
9.0 - 12.0	6.968
12.0 - 16.0	6.927
16.0 - 21.0	2.681
21.0 - 28.0	.048
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 202  
DATE 24 JAN 1972  
TIME 16 24 25  
COUNTER NUMBER 1301

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 159.6  
AMBIENT TEMPERATURE (DEG K) 282.2  
  
SAMPLED VOLUME (CM\*\*3) 61.0  
SAMPLE INTERVAL (M) 804.4  
NUMBER DENSITY (NO/CM\*\*3) 68.20  
LIQ. WATER CONTENT (GM/M\*\*3) .063

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.836
7.0 - 9.0	7.754
9.0 - 12.0	7.596
12.0 - 16.0	3.893
16.0 - 21.0	1.066
21.0 - 28.0	.035
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 203  
DATE 24 JAN 1972  
TIME 16 24 30  
COUNTER NUMBER 1306

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 157.0  
AMBIENT TEMPERATURE (DEG K) 282.1  
  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 791.5  
NUMBER DENSITY (NO/CM\*\*3) 72.72  
LIQ. WATER CONTENT (GM/M\*\*3) .047

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.267
7.0 - 9.0	11.400
9.0 - 12.0	6.872
12.0 - 16.0	3.475
16.0 - 21.0	.290
21.0 - 28.0	.007
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 204  
DATE 24 JAN 1972  
TIME 16 24 35  
COUNTER NUMBER 1310

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 157.0  
AMBIENT TEMPERATURE (DEG K) 283.0  
  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 785.1  
NUMBER DENSITY (NO/CM\*\*3) 42.25  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	16.489
7.0 - 9.0	7.025
9.0 - 12.0	1.022
12.0 - 16.0	.050
16.0 - 21.0	.040
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 205  
DATE 24 JAN 1972  
TIME 16 24 40  
COUNTER NUMBER 1314

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 157.0  
AMBIENT TEMPERATURE (DEG K) 283.0  
  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 785.1  
NUMBER DENSITY (NO/CM\*\*3) 5.55  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.500
7.0 - 9.0	.625
9.0 - 12.0	.033
12.0 - 16.0	.063
16.0 - 21.0	.030
21.0 - 28.0	.007
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 206  
DATE 24 JAN 1972  
TIME 16 24 45  
COUNTER NUMBER 1318

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 157.0  
AMBIENT TEMPERATURE (DEG K) 283.2  
  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 785.1  
NUMBER DENSITY (NO/CM\*\*3) 56.35  
LIQ. WATER CONTENT (GM/M\*\*3) .034

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.233
7.0 - 9.0	7.650
9.0 - 12.0	5.239
12.0 - 16.0	2.783
16.0 - 21.0	.070
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 207  
DATE 24 JAN 1972  
TIME 16 24 51  
COUNTER NUMBER 1323

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 283.3  
  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 934.4  
NUMBER DENSITY (NO/CM\*\*3) 18.45  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.556
7.0 - 9.0	3.300
9.0 - 12.0	1.039
12.0 - 16.0	.075
16.0 - 21.0	.010
21.0 - 28.0	.007
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 208  
DATE 24 JAN 1972  
TIME 16 24 55  
COUNTER NUMBER 1327

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 283.1  
  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 617.8  
NUMBER DENSITY (NO/CM\*\*3) 5.40  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.289
7.0 - 9.0	.675
9.0 - 12.0	.172
12.0 - 16.0	0.006
16.0 - 21.0	0.000
21.0 - 28.0	.014
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 209  
DATE 24 JAN 1972  
TIME 16 25 0  
COUNTER NUMBER 1331

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 283.4  
  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 3.25  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.800
7.0 - 9.0	.125
9.0 - 12.0	.067
12.0 - 16.0	.025
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 210  
DATE 24 JAN 1972  
TIME 16 26 48  
COUNTER NUMBER 1448

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 282.5  
  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 1.10  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.033
7.0 - 9.0	.075
9.0 - 12.0	.100
12.0 - 16.0	.025
16.0 - 21.0	.030
21.0 - 28.0	.029
28.0 - 36.0	.019
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 211  
DATE 24 JAN 1972  
TIME 16 26 49  
COUNTER NUMBER 1449

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 282.6  
  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 154.4  
NUMBER DENSITY (NO/CM\*\*3) 4.67  
LIQ. WATER CONTENT (GM/M\*\*3) .018

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.200
7.0 - 9.0	.517
9.0 - 12.0	.222
12.0 - 16.0	.167
16.0 - 21.0	.123
21.0 - 28.0	.155
28.0 - 36.0	.031
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 212  
DATE 24 JAN 1972  
TIME 16 26 50  
COUNTER NUMBER 1450

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 282.8  
  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 154.4  
NUMBER DENSITY (NO/CM\*\*3) 1.22  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.067
7.0 - 9.0	.208
9.0 - 12.0	.050
12.0 - 16.0	0.000
16.0 - 21.0	.020
21.0 - 28.0	.043
28.0 - 36.0	.019
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 213  
DATE 24 JAN 1972  
TIME 16 26 51  
COUNTER NUMBER 1451

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 282.8  
  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 154.4  
NUMBER DENSITY (NO/CM\*\*3) .65  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.100
9.0 - 12.0	0.000
12.0 - 16.0	.025
16.0 - 21.0	.010
21.0 - 28.0	.036
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 214  
DATE 24 JAN 1972  
TIME 16 26 56  
COUNTER NUMBER 1455

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 282.5  
  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 1.15  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.100
7.0 - 9.0	.050
9.0 - 12.0	.067
12.0 - 16.0	.037
16.0 - 21.0	.050
21.0 - 28.0	.043
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 215  
DATE 24 JAN 1972  
TIME 16 26 57  
COUNTER NUMBER 1456

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 282.3  
  
SAMPLED VOLUME (CM\*\*3) 120.0  
SAMPLE INTERVAL (M) 154.4  
NUMBER DENSITY (NO/CM\*\*3) 2.23  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.533
7.0 - 9.0	.087
9.0 - 12.0	.189
12.0 - 16.0	.083
16.0 - 21.0	.042
21.0 - 28.0	.018
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 216  
DATE 24 JAN 1972  
TIME 16 26 59  
COUNTER NUMBER 1457

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 282.8  
  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 308.9  
NUMBER DENSITY (NO/CM\*\*3) 24.73  
LIQ. WATER CONTENT (GM/M\*\*3) .070

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.144
7.0 - 9.0	1.558
9.0 - 12.0	1.806
12.0 - 16.0	.962
16.0 - 21.0	.820
21.0 - 28.0	.631
28.0 - 36.0	.065
36.0 - 47.0	.009
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 006 217  
DATE 24 JAN 1972  
TIME 16 57 0  
COUNTER NUMBER 1458

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 282.9  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 154.4  
NUMBER DENSITY (NO/CM\*\*3) 25.78  
LIQ. WATER CONTENT (GM/M\*\*3) .048

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.500
7.0 - 9.0	3.150
9.0 - 12.0	1.317
12.0 - 16.0	1.042
16.0 - 21.0	.633
21.0 - 28.0	.371
28.0 - 36.0	.037
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 218  
DATE 24 JAN 1972  
TIME 16 57 1  
COUNTER NUMBER 1459

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 282.9  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 154.4  
NUMBER DENSITY (NO/CM\*\*3) 32.77  
LIQ. WATER CONTENT (GM/M\*\*3) .065

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.722
7.0 - 9.0	3.850
9.0 - 12.0	1.856
12.0 - 16.0	.921
16.0 - 21.0	.927
21.0 - 28.0	.543
28.0 - 36.0	.031
36.0 - 47.0	0.000
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 219  
DATE 24 JAN 1972  
TIME 16 57 2  
COUNTER NUMBER 1460

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 282.9  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 154.4  
NUMBER DENSITY (NO/CM\*\*3) 32.08  
LIQ. WATER CONTENT (GM/M\*\*3) .145

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.056
7.0 - 9.0	2.550
9.0 - 12.0	1.128
12.0 - 16.0	1.287
16.0 - 21.0	.633
21.0 - 28.0	1.107
28.0 - 36.0	.350
36.0 - 47.0	.005
47.0 - 62.0	.003
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 006 220  
DATE 24 JAN 1972  
TIME 16 57 3  
COUNTER NUMBER 1461

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 282.6  
SAMPLED VOLUME (CM\*\*3) 120.0  
SAMPLE INTERVAL (M) 154.4  
NUMBER DENSITY (NO/CM\*\*3) 20.42  
LIQ. WATER CONTENT (GM/M\*\*3) .062

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.989
7.0 - 9.0	1.508
9.0 - 12.0	1.326
12.0 - 16.0	.975
16.0 - 21.0	.807
21.0 - 28.0	.487
28.0 - 36.0	.052
36.0 - 47.0	.016
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 221  
DATE 24 JAN 1972  
TIME 16 57 5  
COUNTER NUMBER 1462

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 282.1  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 303.7  
NUMBER DENSITY (NO/CM\*\*3) 73.83  
LIQ. WATER CONTENT (GM/M\*\*3) .148

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.598
7.0 - 9.0	4.759
9.0 - 12.0	3.787
12.0 - 16.0	4.552
16.0 - 21.0	4.103
21.0 - 28.0	.739
28.0 - 36.0	.013
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 222  
DATE 24 JAN 1972  
TIME 16 57 6  
COUNTER NUMBER 1463

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 282.0  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 149.3  
NUMBER DENSITY (NO/CM\*\*3) 57.91  
LIQ. WATER CONTENT (GM/M\*\*3) .145

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.069
7.0 - 9.0	5.112
9.0 - 12.0	2.603
12.0 - 16.0	2.341
16.0 - 21.0	2.314
21.0 - 28.0	1.276
28.0 - 36.0	.108
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 223  
DATE 24 JAN 1972  
TIME 16 57 7  
COUNTER NUMBER 1464

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 281.7  
SAMPLED VOLUME (CM\*\*3) 116.0  
SAMPLE INTERVAL (M) 149.3  
NUMBER DENSITY (NO/CM\*\*3) 34.31  
LIQ. WATER CONTENT (GM/M\*\*3) .165

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.397
7.0 - 9.0	2.047
9.0 - 12.0	1.417
12.0 - 16.0	.881
16.0 - 21.0	1.448
21.0 - 28.0	1.616
28.0 - 36.0	.184
36.0 - 47.0	.022
47.0 - 62.0	.002
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 006 224  
DATE 24 JAN 1972  
TIME 16 57 9  
COUNTER NUMBER 1465

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 281.2  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 298.6  
NUMBER DENSITY (NO/CM\*\*3) 46.10  
LIQ. WATER CONTENT (GM/M\*\*3) .190

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.575
7.0 - 9.0	2.767
9.0 - 12.0	2.155
12.0 - 16.0	1.168
16.0 - 21.0	2.531
21.0 - 28.0	1.800
28.0 - 36.0	.188
36.0 - 47.0	.024
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 225  
DATE 24 JAN 1972  
TIME 16 57 10  
COUNTER NUMBER 1466

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 281.0  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 149.3  
NUMBER DENSITY (NO/CM\*\*3) 43.29  
LIQ. WATER CONTENT (GM/M\*\*3) .112

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.540
7.0 - 9.0	1.905
9.0 - 12.0	1.506
12.0 - 16.0	2.125
16.0 - 21.0	3.607
21.0 - 28.0	.638
28.0 - 36.0	.019
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 226  
DATE 24 JAN 1972  
TIME 16 57 11  
COUNTER NUMBER 1467

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 280.7  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 149.3  
NUMBER DENSITY (NO/CM\*\*3) 23.34  
LIQ. WATER CONTENT (GM/M\*\*3) .105

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.149
7.0 - 9.0	.698
9.0 - 12.0	.862
12.0 - 16.0	.806
16.0 - 21.0	1.141
21.0 - 28.0	1.091
28.0 - 36.0	.114
36.0 - 47.0	.014
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 227  
DATE 24 JAN 1972  
TIME 17 0 12  
COUNTER NUMBER 1494

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.034
7.0 - 9.0	.026
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 228  
DATE 24 JAN 1972  
TIME 17 0 13  
COUNTER NUMBER 1495

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 149.3  
NUMBER DENSITY (NO/CM\*\*3) .21  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.138
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 006 229  
DATE 24 JAN 1972  
TIME 17 0 14  
COUNTER NUMBER 1496  
  
AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 149.3  
NUMBER DENSITY (NO/CM\*\*3) 76.90  
LIQ. WATER CONTENT (GM/M\*\*3) .470

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.115
7.0 - 9.0	5.172
9.0 - 12.0	2.730
12.0 - 16.0	2.047
16.0 - 21.0	2.131
21.0 - 28.0	2.793
28.0 - 36.0	1.892
36.0 - 47.0	.014
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 230  
DATE 24 JAN 1972  
TIME 17 0 15  
COUNTER NUMBER 1497  
  
AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 112.0  
SAMPLE INTERVAL (M) 145.4  
NUMBER DENSITY (NO/CM\*\*3) 15.51  
LIQ. WATER CONTENT (GM/M\*\*3) .108

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.274
7.0 - 9.0	.558
9.0 - 12.0	.500
12.0 - 16.0	.487
16.0 - 21.0	.452
21.0 - 28.0	.685
28.0 - 36.0	.435
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 231  
DATE 24 JAN 1972  
TIME 17 0 17  
COUNTER NUMBER 1498  
  
AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 283.1  
NUMBER DENSITY (NO/CM\*\*3) 15.12  
LIQ. WATER CONTENT (GM/M\*\*3) .082

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.298
7.0 - 9.0	.920
9.0 - 12.0	.613
12.0 - 16.0	.415
16.0 - 21.0	.432
21.0 - 28.0	.781
28.0 - 36.0	.214
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 232  
DATE 24 JAN 1972  
TIME 17 0 18  
COUNTER NUMBER 1499

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) 169.36  
LIQ. WATER CONTENT (GM/M\*\*3) 1.345

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.214
7.0 - 9.0	4.911
9.0 - 12.0	2.917
12.0 - 16.0	4.308
16.0 - 21.0	4.118
21.0 - 28.0	7.571
28.0 - 36.0	5.810
36.0 - 47.0	.106
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 233  
DATE 24 JAN 1972  
TIME 17 0 19  
COUNTER NUMBER 1500

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) 269.70  
LIQ. WATER CONTENT (GM/M\*\*3) 2.148

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.738
7.0 - 9.0	8.286
9.0 - 12.0	6.768
12.0 - 16.0	6.009
16.0 - 21.0	6.450
21.0 - 28.0	12.827
28.0 - 36.0	9.290
36.0 - 47.0	.075
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 234  
DATE 24 JAN 1972  
TIME 17 0 20  
COUNTER NUMBER 1501

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) 201.29  
LIQ. WATER CONTENT (GM/M\*\*3) 1.597

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.881
7.0 - 9.0	7.839
9.0 - 12.0	4.613
12.0 - 16.0	5.228
16.0 - 21.0	4.586
21.0 - 28.0	8.314
28.0 - 36.0	7.330
36.0 - 47.0	.070
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 235  
DATE 24 JAN 1972  
TIME 17 0 21  
COUNTER NUMBER 1502

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) 215.55  
LIQ. WATER CONTENT (GM/M\*\*3) 1.792

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.060
7.0 - 9.0	6.304
9.0 - 12.0	4.536
12.0 - 16.0	5.286
16.0 - 21.0	5.279
21.0 - 28.0	9.286
28.0 - 36.0	8.076
36.0 - 47.0	.146
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 236  
DATE 24 JAN 1972  
TIME 17 0 22  
COUNTER NUMBER 1503

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 112.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) 110.81  
LIQ. WATER CONTENT (GM/M\*\*3) .873

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.756
7.0 - 9.0	4.991
9.0 - 12.0	3.012
12.0 - 16.0	2.781
16.0 - 21.0	2.487
21.0 - 28.0	4.217
28.0 - 36.0	4.041
36.0 - 47.0	.088
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 237  
DATE 24 JAN 1972  
TIME 17 0 24  
COUNTER NUMBER 1504

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 283.1  
NUMBER DENSITY (NO/CM\*\*3) 72.71  
LIQ. WATER CONTENT (GM/M\*\*3) .475

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.679
7.0 - 9.0	2.455
9.0 - 12.0	2.935
12.0 - 16.0	2.522
16.0 - 21.0	1.996
21.0 - 28.0	2.773
28.0 - 36.0	1.897
36.0 - 47.0	.029
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 238  
DATE 24 JAN 1972  
TIME 17 0 25  
COUNTER NUMBER 1505

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	.018
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 239  
DATE 24 JAN 1972  
TIME 17 0 27  
COUNTER NUMBER 1507

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 280.6  
NUMBER DENSITY (NO/CM\*\*3) .16  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.109
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 240  
DATE 24 JAN 1972  
TIME 17 0 28  
COUNTER NUMBER 1508

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 110.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 12.85  
LIQ. WATER CONTENT (GM/M\*\*3) .075

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.697
7.0 - 9.0	.709
9.0 - 12.0	.379
12.0 - 16.0	.495
16.0 - 21.0	.369
21.0 - 28.0	.442
28.0 - 36.0	.284
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000



FLIGHT NUMBER	006	241	FLIGHT NUMBER	006	242	FLIGHT NUMBER	006	243
DATE 24 JAN 1972			DATE 24 JAN 1972			DATE 24 JAN 1972		
TIME 17 0 30			TIME 17 0 31			TIME 17 0 32		
COUNTER NUMBER 1509			COUNTER NUMBER 1510			COUNTER NUMBER 1511		
AIRCRAFT ALTITUDE (KM)	1.5		AIRCRAFT ALTITUDE (KM)	1.5		AIRCRAFT ALTITUDE (KM)	1.5	
AIRCRAFT VELOCITY (M/S)	139.0		AIRCRAFT VELOCITY (M/S)	136.4		AIRCRAFT VELOCITY (M/S)	139.0	
AMBIENT TEMPERATURE (DEG K)	288.4		AMBIENT TEMPERATURE (DEG K)	288.6		AMBIENT TEMPERATURE (DEG K)	288.2	
SAMPLED VOLUME (CM**3)	55.0		SAMPLED VOLUME (CM**3)	54.0		SAMPLED VOLUME (CM**3)	55.0	
SAMPLE INTERVAL (M)	278.0		SAMPLE INTERVAL (M)	137.7		SAMPLE INTERVAL (M)	137.7	
NUMBER DENSITY (NO/CM**3)	244.73		NUMBER DENSITY (NO/CM**3)	225.93		NUMBER DENSITY (NO/CM**3)	134.82	
LIG. WATER CONTENT (GM/M**3)	1.901		LIG. WATER CONTENT (GM/M**3)	1.733		LIG. WATER CONTENT (GM/M**3)	.835	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	9.127		5.5 - 7.0	7.519		5.5 - 7.0	5.830	
7.0 - 9.0	7.500		7.0 - 9.0	6.481		7.0 - 9.0	5.564	
9.0 - 12.0	6.321		9.0 - 12.0	5.685		9.0 - 12.0	5.127	
12.0 - 16.0	7.841		12.0 - 16.0	5.685		12.0 - 16.0	4.159	
16.0 - 21.0	5.327		16.0 - 21.0	5.600		16.0 - 21.0	3.338	
21.0 - 28.0	9.901		21.0 - 28.0	10.788		21.0 - 28.0	6.055	
28.0 - 36.0	8.550		28.0 - 36.0	7.190		28.0 - 36.0	2.918	
36.0 - 47.0	.124		36.0 - 47.0	.077		36.0 - 47.0	.046	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	006	244	FLIGHT NUMBER	006	245	FLIGHT NUMBER	006	246
DATE 24 JAN 1972			DATE 24 JAN 1972			DATE 24 JAN 1972		
TIME 17 0 33			TIME 17 0 35			TIME 17 0 36		
COUNTER NUMBER 1512			COUNTER NUMBER 1513			COUNTER NUMBER 1514		
AIRCRAFT ALTITUDE (KM)	1.5		AIRCRAFT ALTITUDE (KM)	1.5		AIRCRAFT ALTITUDE (KM)	1.5	
AIRCRAFT VELOCITY (M/S)	139.0		AIRCRAFT VELOCITY (M/S)	139.0		AIRCRAFT VELOCITY (M/S)	136.4	
AMBIENT TEMPERATURE (DEG K)	288.2		AMBIENT TEMPERATURE (DEG K)	288.1		AMBIENT TEMPERATURE (DEG K)	288.1	
SAMPLED VOLUME (CM**3)	110.0		SAMPLED VOLUME (CM**3)	55.0		SAMPLED VOLUME (CM**3)	54.0	
SAMPLE INTERVAL (M)	139.0		SAMPLE INTERVAL (M)	278.0		SAMPLE INTERVAL (M)	137.7	
NUMBER DENSITY (NO/CM**3)	113.51		NUMBER DENSITY (NO/CM**3)	234.95		NUMBER DENSITY (NO/CM**3)	239.61	
LIG. WATER CONTENT (GM/M**3)	.609		LIG. WATER CONTENT (GM/M**3)	1.404		LIG. WATER CONTENT (GM/M**3)	1.534	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	4.200		5.5 - 7.0	7.952		5.5 - 7.0	7.630	
7.0 - 9.0	5.055		7.0 - 9.0	7.755		7.0 - 9.0	9.222	
9.0 - 12.0	3.994		9.0 - 12.0	7.952		9.0 - 12.0	7.636	
12.0 - 16.0	3.968		12.0 - 16.0	9.400		12.0 - 16.0	6.231	
16.0 - 21.0	3.840		16.0 - 21.0	7.567		16.0 - 21.0	8.226	
21.0 - 28.0	5.227		21.0 - 28.0	9.901		21.0 - 28.0	11.209	
28.0 - 36.0	1.665		28.0 - 36.0	4.800		28.0 - 36.0	5.164	
36.0 - 47.0	.012		36.0 - 47.0	.046		36.0 - 47.0	.089	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	006	247	FLIGHT NUMBER	006	248	FLIGHT NUMBER	006	249
DATE 24 JAN 1972			DATE 24 JAN 1972			DATE 24 JAN 1972		
TIME 17 0 37			TIME 17 0 38			TIME 17 0 39		
COUNTER NUMBER 1515			COUNTER NUMBER 1516			COUNTER NUMBER 1517		
AIRCRAFT ALTITUDE (KM)	1.5		AIRCRAFT ALTITUDE (KM)	1.5		AIRCRAFT ALTITUDE (KM)	1.5	
AIRCRAFT VELOCITY (M/S)	136.4		AIRCRAFT VELOCITY (M/S)	136.4		AIRCRAFT VELOCITY (M/S)	136.4	
AMBIENT TEMPERATURE (DEG K)	288.2		AMBIENT TEMPERATURE (DEG K)	288.1		AMBIENT TEMPERATURE (DEG K)	288.0	
SAMPLED VOLUME (CM**3)	54.0		SAMPLED VOLUME (CM**3)	54.0		SAMPLED VOLUME (CM**3)	108.0	
SAMPLE INTERVAL (M)	136.4		SAMPLE INTERVAL (M)	136.4		SAMPLE INTERVAL (M)	136.4	
NUMBER DENSITY (NO/CM**3)	112.56		NUMBER DENSITY (NO/CM**3)	6.07		NUMBER DENSITY (NO/CM**3)	22.24	
LIG. WATER CONTENT (GM/M**3)	.713		LIG. WATER CONTENT (GM/M**3)	.036		LIG. WATER CONTENT (GM/M**3)	.157	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	3.432		5.5 - 7.0	.383		5.5 - 7.0	.944	
7.0 - 9.0	4.046		7.0 - 9.0	.139		7.0 - 9.0	.852	
9.0 - 12.0	3.142		9.0 - 12.0	.309		9.0 - 12.0	.673	
12.0 - 16.0	3.356		12.0 - 16.0	.301		12.0 - 16.0	.766	
16.0 - 21.0	3.830		16.0 - 21.0	.311		16.0 - 21.0	.746	
21.0 - 28.0	5.505		21.0 - 28.0	.148		21.0 - 28.0	.755	
28.0 - 36.0	2.306		28.0 - 36.0	.042		28.0 - 36.0	.574	
36.0 - 47.0	.030		36.0 - 47.0	.010		36.0 - 47.0	.031	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	.006	
62.0 - 82.0	0.000		62.0 - 82.0	.003		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	006	250	FLIGHT NUMBER	006	251	FLIGHT NUMBER	006	252
DATE 24 JAN 1972			DATE 24 JAN 1972			DATE 24 JAN 1972		
TIME 17 0 41			TIME 17 0 42			TIME 17 0 43		
COUNTER NUMBER 1518			COUNTER NUMBER 1519			COUNTER NUMBER 1520		
AIRCRAFT ALTITUDE (KM)	1.5		AIRCRAFT ALTITUDE (KM)	1.5		AIRCRAFT ALTITUDE (KM)	1.5	
AIRCRAFT VELOCITY (M/S)	136.4		AIRCRAFT VELOCITY (M/S)	136.4		AIRCRAFT VELOCITY (M/S)	136.4	
AMBIENT TEMPERATURE (DEG K)	288.0		AMBIENT TEMPERATURE (DEG K)	288.0		AMBIENT TEMPERATURE (DEG K)	287.8	
SAMPLED VOLUME (CM**3)	54.0		SAMPLED VOLUME (CM**3)	54.0		SAMPLED VOLUME (CM**3)	54.0	
SAMPLE INTERVAL (M)	272.8		SAMPLE INTERVAL (M)	136.4		SAMPLE INTERVAL (M)	136.4	
NUMBER DENSITY (NO/CM**3)	186.87		NUMBER DENSITY (NO/CM**3)	151.43		NUMBER DENSITY (NO/CM**3)	210.17	
LIG. WATER CONTENT (GM/M**3)	.963		LIG. WATER CONTENT (GM/M**3)	.770		LIG. WATER CONTENT (GM/M**3)	1.585	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	8.642		5.5 - 7.0	10.753		5.5 - 7.0	7.210	
7.0 - 9.0	9.287		7.0 - 9.0	8.935		7.0 - 9.0	8.213	
9.0 - 12.0	8.660		9.0 - 12.0	4.395		9.0 - 12.0	7.889	
12.0 - 16.0	7.333		12.0 - 16.0	6.972		12.0 - 16.0	8.199	
16.0 - 21.0	7.048		16.0 - 21.0	5.937		16.0 - 21.0	8.226	
21.0 - 28.0	5.291		21.0 - 28.0	3.693		21.0 - 28.0	6.754	
28.0 - 36.0	3.347		28.0 - 36.0	2.329		28.0 - 36.0	3.537	
36.0 - 47.0	.077		36.0 - 47.0	.168		36.0 - 47.0	.721	
47.0 - 62.0	.007		47.0 - 62.0	.019		47.0 - 62.0	.080	
62.0 - 82.0	0.000		62.0 - 82.0	.003		62.0 - 82.0	.026	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	.004	

FLIGHT NUMBER 006 253  
DATE 24 JAN 1972  
TIME 17 0 44  
COUNTER NUMBER 1521

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 136.4  
AMBIENT TEMPERATURE (DEG K) 287.3  
  
SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 136.4  
NUMBER DENSITY (NO/CM\*\*3) 224.11  
LIQ. WATER CONTENT (GM/M\*\*3) 1.364

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.827
7.0 - 9.0	9.083
9.0 - 12.0	7.654
12.0 - 16.0	7.449
16.0 - 21.0	9.581
21.0 - 28.0	8.201
28.0 - 36.0	3.667
36.0 - 47.0	.283
47.0 - 62.0	.035
62.0 - 82.0	.006
82.0 - 108.0	.002

FLIGHT NUMBER 006 254  
DATE 24 JAN 1972  
TIME 17 0 45  
COUNTER NUMBER 1522

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 287.1  
  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 137.7  
NUMBER DENSITY (NO/CM\*\*3) 204.62  
LIQ. WATER CONTENT (GM/M\*\*3) 1.260

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.842
7.0 - 9.0	9.573
9.0 - 12.0	7.291
12.0 - 16.0	6.800
16.0 - 21.0	7.440
21.0 - 28.0	7.125
28.0 - 36.0	3.841
36.0 - 47.0	.324
47.0 - 62.0	.015
62.0 - 82.0	0.000
82.0 - 108.0	.002

FLIGHT NUMBER 006 255  
DATE 24 JAN 1972  
TIME 17 0 46  
COUNTER NUMBER 1523

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 286.7  
  
SAMPLED VOLUME (CM\*\*3) 112.0  
SAMPLE INTERVAL (M) 140.3  
NUMBER DENSITY (NO/CM\*\*3) 42.83  
LIQ. WATER CONTENT (GM/M\*\*3) .299

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.679
7.0 - 9.0	1.879
9.0 - 12.0	1.598
12.0 - 16.0	1.408
16.0 - 21.0	1.563
21.0 - 28.0	1.311
28.0 - 36.0	.708
36.0 - 47.0	.142
47.0 - 62.0	.026
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 006 256  
DATE 24 JAN 1972  
TIME 17 0 48  
COUNTER NUMBER 1524

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 286.4  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 283.1  
NUMBER DENSITY (NO/CM\*\*3) 18.20  
LIQ. WATER CONTENT (GM/M\*\*3) .093

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.071
7.0 - 9.0	.946
9.0 - 12.0	.851
12.0 - 16.0	.670
16.0 - 21.0	.736
21.0 - 28.0	.510
28.0 - 36.0	.214
36.0 - 47.0	.045
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 257  
DATE 24 JAN 1972  
TIME 17 0 49  
COUNTER NUMBER 1525

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 286.2  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) .21  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.107
7.0 - 9.0	0.000
9.0 - 12.0	.018
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 258  
DATE 24 JAN 1972  
TIME 17 0 50  
COUNTER NUMBER 1526

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 286.2  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) .11  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.071
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 259  
DATE 24 JAN 1972  
TIME 17 0 51  
COUNTER NUMBER 1527

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 286.2  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) .11  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.027
9.0 - 12.0	.018
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 260  
DATE 24 JAN 1972  
TIME 17 0 54  
COUNTER NUMBER 1529

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 286.3  
  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 420.8  
NUMBER DENSITY (NO/CM\*\*3) .16  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.073
7.0 - 9.0	0.000
9.0 - 12.0	.018
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 261  
DATE 24 JAN 1972  
TIME 17 0 55  
COUNTER NUMBER 1530

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 286.1  
  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 1.44  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.255
7.0 - 9.0	.055
9.0 - 12.0	.055
12.0 - 16.0	.127
16.0 - 21.0	.011
21.0 - 28.0	.031
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 262  
DATE 24 JAN 1972  
TIME 17 0 56  
COUNTER NUMBER 1531

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 286.1  
  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 184.18  
LIQ. WATER CONTENT (GM/M\*\*3) 1.225

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.261
7.0 - 9.0	7.409
9.0 - 12.0	5.412
12.0 - 16.0	5.082
16.0 - 21.0	6.215
21.0 - 28.0	8.327
28.0 - 36.0	4.282
36.0 - 47.0	.117
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 263  
DATE 24 JAN 1972  
TIME 17 0 57  
COUNTER NUMBER 1532

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 286.4  
  
SAMPLED VOLUME (CM\*\*3) 110.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 127.44  
LIQ. WATER CONTENT (GM/M\*\*3) .783

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.782
7.0 - 9.0	3.223
9.0 - 12.0	3.152
12.0 - 16.0	4.139
16.0 - 21.0	6.284
21.0 - 28.0	5.787
28.0 - 36.0	2.265
36.0 - 47.0	.067
47.0 - 62.0	.002
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 264  
DATE 24 JAN 1972  
TIME 17 0 59  
COUNTER NUMBER 1533

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 286.7  
  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 278.0  
NUMBER DENSITY (NO/CM\*\*3) 167.93  
LIQ. WATER CONTENT (GM/M\*\*3) 1.034

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.552
7.0 - 9.0	5.791
9.0 - 12.0	3.406
12.0 - 16.0	5.209
16.0 - 21.0	8.033
21.0 - 28.0	7.888
28.0 - 36.0	2.939
36.0 - 47.0	.098
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 265  
DATE 24 JAN 1972  
TIME 17 1 0  
COUNTER NUMBER 1534

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 286.8  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 94.25  
LIQ. WATER CONTENT (GM/M\*\*3) .650

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.818
7.0 - 9.0	3.464
9.0 - 12.0	2.933
12.0 - 16.0	2.441
16.0 - 21.0	3.349
21.0 - 28.0	3.587
28.0 - 36.0	2.527
36.0 - 47.0	.088
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 266  
DATE 24 JAN 1972  
TIME 17 1 1  
COUNTER NUMBER 1535

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 286.8  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 239.73  
LIQ. WATER CONTENT (GM/M\*\*3) 1.762

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.364
7.0 - 9.0	5.536
9.0 - 12.0	4.582
12.0 - 16.0	7.441
16.0 - 21.0	8.782
21.0 - 28.0	10.982
28.0 - 36.0	6.611
36.0 - 47.0	.175
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 267  
DATE 24 JAN 1972  
TIME 17 1 2  
COUNTER NUMBER 1536

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 286.8  
SAMPLED VOLUME (CM\*\*3) 110.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 122.12  
LIQ. WATER CONTENT (GM/M\*\*3) .936

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.158
7.0 - 9.0	2.141
9.0 - 12.0	2.612
12.0 - 16.0	3.911
16.0 - 21.0	3.835
21.0 - 28.0	6.079
28.0 - 36.0	3.572
36.0 - 47.0	.074
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 268  
DATE 24 JAN 1972  
TIME 17 1 4  
COUNTER NUMBER 1537

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.4  
AMBIENT TEMPERATURE (DEG K) 286.8  
SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 275.4  
NUMBER DENSITY (NO/CM\*\*3) 206.48  
LIQ. WATER CONTENT (GM/M\*\*3) 1.378

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.025
7.0 - 9.0	5.667
9.0 - 12.0	4.086
12.0 - 16.0	6.741
16.0 - 21.0	7.485
21.0 - 28.0	9.193
28.0 - 36.0	4.961
36.0 - 47.0	.084
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 269  
DATE 24 JAN 1972  
TIME 17 1 5  
COUNTER NUMBER 1538

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 286.8  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 137.7  
NUMBER DENSITY (NO/CM\*\*3) 211.80  
LIQ. WATER CONTENT (GM/M\*\*3) 1.330

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.491
7.0 - 9.0	6.755
9.0 - 12.0	5.733
12.0 - 16.0	7.782
16.0 - 21.0	8.182
21.0 - 28.0	9.462
28.0 - 36.0	4.075
36.0 - 47.0	.180
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 270  
DATE 24 JAN 1972  
TIME 17 1 6  
COUNTER NUMBER 1539

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 286.9  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 198.91  
LIQ. WATER CONTENT (GM/M\*\*3) 1.150

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.345
7.0 - 9.0	11.927
9.0 - 12.0	7.782
12.0 - 16.0	6.945
16.0 - 21.0	6.338
21.0 - 28.0	7.158
28.0 - 36.0	3.323
36.0 - 47.0	.088
47.0 - 62.0	0.000
62.0 - 82.0	.028
82.0 - 108.0	0.000

FLIGHT NUMBER 006 271  
DATE 24 JAN 1972  
TIME 17 1 7  
COUNTER NUMBER 1540

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 286.9  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 192.44  
LIQ. WATER CONTENT (GM/M\*\*3) 1.154

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.091
7.0 - 9.0	5.000
9.0 - 12.0	5.527
12.0 - 16.0	7.000
16.0 - 21.0	8.167
21.0 - 28.0	7.644
28.0 - 36.0	3.493
36.0 - 47.0	.170
47.0 - 62.0	0.000
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 006 272  
DATE 24 JAN 1972  
TIME 17 1 8  
COUNTER NUMBER 1541

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 286.9  
SAMPLED VOLUME (CM\*\*3) 110.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 70.97  
LIQ. WATER CONTENT (GM/M\*\*3) .302

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.400
7.0 - 9.0	5.000
9.0 - 12.0	3.645
12.0 - 16.0	2.500
16.0 - 21.0	1.562
21.0 - 28.0	1.786
28.0 - 36.0	1.030
36.0 - 47.0	.036
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 273  
DATE 24 JAN 1972  
TIME 17 1 10  
COUNTER NUMBER 1542

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 286.9  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 278.0  
NUMBER DENSITY (NO/CM\*\*3) 243.24  
LIQ. WATER CONTENT (GM/M\*\*3) 1.818

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.685
7.0 - 9.0	8.664
9.0 - 12.0	5.242
12.0 - 16.0	7.159
16.0 - 21.0	7.215
21.0 - 28.0	10.592
28.0 - 36.0	7.207
36.0 - 47.0	.185
47.0 - 62.0	.004
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 006 274  
DATE 24 JAN 1972  
TIME 17 1 11  
COUNTER NUMBER 1543

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 287.0  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 209.04  
LIQ. WATER CONTENT (GM/M\*\*3) 1.354

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.521
7.0 - 9.0	11.364
9.0 - 12.0	7.533
12.0 - 16.0	6.545
16.0 - 21.0	5.920
21.0 - 28.0	7.418
28.0 - 36.0	5.027
36.0 - 47.0	.268
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 275  
DATE 24 JAN 1972  
TIME 17 1 12  
COUNTER NUMBER 1544

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 287.0  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 110.05  
LIQ. WATER CONTENT (GM/M\*\*3) .549

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.630
7.0 - 9.0	6.873
9.0 - 12.0	4.503
12.0 - 16.0	3.182
16.0 - 21.0	3.440
21.0 - 28.0	3.636
28.0 - 36.0	1.711
36.0 - 47.0	.066
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 276  
DATE 24 JAN 1972  
TIME 17 1 13  
COUNTER NUMBER 1545

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 286.7  
SAMPLED VOLUME (CM\*\*3) 112.0  
SAMPLE INTERVAL (M) 140.3  
NUMBER DENSITY (NO/CM\*\*3) 33.68  
LIQ. WATER CONTENT (GM/M\*\*3) .181

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.101
7.0 - 9.0	1.629
9.0 - 12.0	1.051
12.0 - 16.0	1.060
16.0 - 21.0	1.684
21.0 - 28.0	1.124
28.0 - 36.0	.335
36.0 - 47.0	.073
47.0 - 62.0	.007
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 277  
DATE 24 JAN 1972  
TIME 17 1 15  
COUNTER NUMBER 1546

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 286.6  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 283.1  
NUMBER DENSITY (NO/CM\*\*3) 62.84  
LIQ. WATER CONTENT (GM/M\*\*3) .514

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.905
7.0 - 9.0	2.866
9.0 - 12.0	2.399
12.0 - 16.0	2.147
16.0 - 21.0	1.875
21.0 - 28.0	1.872
28.0 - 36.0	1.172
36.0 - 47.0	.258
47.0 - 62.0	.037
62.0 - 82.0	.008
82.0 - 108.0	.002

FLIGHT NUMBER 006 278  
DATE 24 JAN 1972  
TIME 17 1 16  
COUNTER NUMBER 1547

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 286.5  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) 13.45  
LIQ. WATER CONTENT (GM/M\*\*3) .179

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.333
7.0 - 9.0	.670
9.0 - 12.0	.185
12.0 - 16.0	.205
16.0 - 21.0	.400
21.0 - 28.0	.263
28.0 - 36.0	.286
36.0 - 47.0	.203
47.0 - 62.0	.021
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 006 279  
DATE 24 JAN 1972  
TIME 17 1 17  
COUNTER NUMBER 1548

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 286.4  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) 123.66  
LIQ. WATER CONTENT (GM/M\*\*3) 1.125

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.429
7.0 - 9.0	3.455
9.0 - 12.0	3.214
12.0 - 16.0	4.196
16.0 - 21.0	3.646
21.0 - 28.0	4.360
28.0 - 36.0	3.326
36.0 - 47.0	.375
47.0 - 62.0	.048
62.0 - 82.0	.016
82.0 - 108.0	.006

FLIGHT NUMBER 006 280  
DATE 24 JAN 1972  
TIME 17 1 18  
COUNTER NUMBER 1549

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 286.4  
  
SAMPLED VOLUME (CM\*\*3) 112.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) 27.32  
LIQ. WATER CONTENT (GM/M\*\*3) .309

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.804
7.0 - 9.0	1.491
9.0 - 12.0	.780
12.0 - 16.0	.884
16.0 - 21.0	.796
21.0 - 28.0	.610
28.0 - 36.0	.568
36.0 - 47.0	.192
47.0 - 62.0	.042
62.0 - 82.0	.009
82.0 - 108.0	.001

FLIGHT NUMBER 006 281  
DATE 24 JAN 1972  
TIME 17 1 20  
COUNTER NUMBER 1550

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 286.2  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 283.1  
NUMBER DENSITY (NO/CM\*\*3) 186.43  
LIQ. WATER CONTENT (GM/M\*\*3) 1.182

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	13.500
7.0 - 9.0	7.839
9.0 - 12.0	6.339
12.0 - 16.0	6.080
16.0 - 21.0	5.968
21.0 - 28.0	5.811
28.0 - 36.0	4.241
36.0 - 47.0	.192
47.0 - 62.0	.033
62.0 - 82.0	.005
82.0 - 108.0	0.000

FLIGHT NUMBER 006 282  
DATE 24 JAN 1972  
TIME 17 1 21  
COUNTER NUMBER 1551

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 286.0  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) 189.54  
LIQ. WATER CONTENT (GM/M\*\*3) 1.675

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.869
7.0 - 9.0	9.402
9.0 - 12.0	4.851
12.0 - 16.0	4.241
16.0 - 21.0	5.521
21.0 - 28.0	6.352
28.0 - 36.0	6.388
36.0 - 47.0	.597
47.0 - 62.0	.030
62.0 - 82.0	.008
82.0 - 108.0	.002

FLIGHT NUMBER 006 283  
DATE 24 JAN 1972  
TIME 17 1 22  
COUNTER NUMBER 1552

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 285.9  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) 164.59  
LIQ. WATER CONTENT (GM/M\*\*3) 1.830

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.238
7.0 - 9.0	5.634
9.0 - 12.0	3.232
12.0 - 16.0	4.576
16.0 - 21.0	5.725
21.0 - 28.0	6.824
28.0 - 36.0	6.674
36.0 - 47.0	.719
47.0 - 62.0	.067
62.0 - 82.0	.013
82.0 - 108.0	0.000

FLIGHT NUMBER 006 284  
DATE 24 JAN 1972  
TIME 17 1 23  
COUNTER NUMBER 1553

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 285.6  
  
SAMPLED VOLUME (CM\*\*3) 112.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) 74.20  
LIQ. WATER CONTENT (GM/M\*\*3) .622

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.363
7.0 - 9.0	3.067
9.0 - 12.0	2.622
12.0 - 16.0	2.364
16.0 - 21.0	2.254
21.0 - 28.0	2.311
28.0 - 36.0	1.781
36.0 - 47.0	.299
47.0 - 62.0	.040
62.0 - 82.0	.004
82.0 - 108.0	.001

FLIGHT NUMBER 006 285  
DATE 24 JAN 1972  
TIME 17 1 25  
COUNTER NUMBER 1554

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 285.4  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 283.1  
NUMBER DENSITY (NO/CM\*\*3) 107.64  
LIQ. WATER CONTENT (GM/M\*\*3) .640

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.464
7.0 - 9.0	6.384
9.0 - 12.0	4.405
12.0 - 16.0	3.652
16.0 - 21.0	3.861
21.0 - 28.0	3.467
28.0 - 36.0	1.792
36.0 - 47.0	.177
47.0 - 62.0	.033
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 286  
DATE 24 JAN 1972  
TIME 17 1 27  
COUNTER NUMBER 1556

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 285.3  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 283.1  
NUMBER DENSITY (NO/CM\*\*3) 70.71  
LIQ. WATER CONTENT (GM/M\*\*3) .434

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.464
7.0 - 9.0	3.598
9.0 - 12.0	2.845
12.0 - 16.0	2.929
16.0 - 21.0	2.243
21.0 - 28.0	1.704
28.0 - 36.0	1.379
36.0 - 47.0	.208
47.0 - 62.0	.007
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 287  
DATE 24 JAN 1972  
TIME 17 1 28  
COUNTER NUMBER 1557

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 285.1  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) 104.04  
LIQ. WATER CONTENT (GM/M\*\*3) .721

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.869
7.0 - 9.0	5.188
9.0 - 12.0	3.643
12.0 - 16.0	3.192
16.0 - 21.0	3.457
21.0 - 28.0	3.658
28.0 - 36.0	2.092
36.0 - 47.0	.227
47.0 - 62.0	.025
62.0 - 82.0	.008
82.0 - 108.0	0.000

FLIGHT NUMBER 006 288  
DATE 24 JAN 1972  
TIME 17 1 29  
COUNTER NUMBER 1558

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 285.1  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) 101.54  
LIQ. WATER CONTENT (GM/M\*\*3) .777

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.976
7.0 - 9.0	5.268
9.0 - 12.0	2.268
12.0 - 16.0	2.647
16.0 - 21.0	3.671
21.0 - 28.0	3.459
28.0 - 36.0	2.531
36.0 - 47.0	.232
47.0 - 62.0	.048
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 006 289  
 DATE 24 JAN 1972  
 TIME 17 1 30  
 COUNTER NUMBER 1559

AIRCRAFT ALTITUDE (KM) 1.5  
 AIRCRAFT VELOCITY (M/S) 141.6  
 AMBIENT TEMPERATURE (DEG K) 285.0

SAMPLED VOLUME (CM\*\*3) 56.0  
 SAMPLE INTERVAL (M) 141.6  
 NUMBER DENSITY (NO/CM\*\*3) 35.36  
 LIQ. WATER CONTENT (GM/M\*\*3) .367

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.452
7.0 - 9.0	1.250
9.0 - 12.0	1.488
12.0 - 16.0	1.116
16.0 - 21.0	1.046
21.0 - 28.0	.987
28.0 - 36.0	.654
36.0 - 47.0	.141
47.0 - 62.0	.077
62.0 - 82.0	.005
82.0 - 106.0	.002

FLIGHT NUMBER 006 290  
 DATE 24 JAN 1972  
 TIME 17 1 31  
 COUNTER NUMBER 1560

AIRCRAFT ALTITUDE (KM) 1.5  
 AIRCRAFT VELOCITY (M/S) 141.6  
 AMBIENT TEMPERATURE (DEG K) 285.0

SAMPLED VOLUME (CM\*\*3) 56.0  
 SAMPLE INTERVAL (M) 141.6  
 NUMBER DENSITY (NO/CM\*\*3) 75.43  
 LIQ. WATER CONTENT (GM/M\*\*3) .515

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.940
7.0 - 9.0	3.982
9.0 - 12.0	3.030
12.0 - 16.0	3.375
16.0 - 21.0	2.396
21.0 - 28.0	2.008
28.0 - 36.0	1.172
36.0 - 47.0	.284
47.0 - 62.0	.018
62.0 - 82.0	.005
82.0 - 108.0	.002

FLIGHT NUMBER 006 291  
 DATE 24 JAN 1972  
 TIME 17 1 32  
 COUNTER NUMBER 1561

AIRCRAFT ALTITUDE (KM) 1.5  
 AIRCRAFT VELOCITY (M/S) 141.6  
 AMBIENT TEMPERATURE (DEG K) 284.9

SAMPLED VOLUME (CM\*\*3) 112.0  
 SAMPLE INTERVAL (M) 141.6  
 NUMBER DENSITY (NO/CM\*\*3) 47.39  
 LIQ. WATER CONTENT (GM/M\*\*3) .194

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.738
7.0 - 9.0	4.701
9.0 - 12.0	2.815
12.0 - 16.0	2.042
16.0 - 21.0	1.261
21.0 - 28.0	.728
28.0 - 36.0	.422
36.0 - 47.0	.068
47.0 - 62.0	.011
62.0 - 82.0	.004
82.0 - 108.0	0.000

FLIGHT NUMBER 006 292  
 DATE 24 JAN 1972  
 TIME 17 1 34  
 COUNTER NUMBER 1562

AIRCRAFT ALTITUDE (KM) 1.5  
 AIRCRAFT VELOCITY (M/S) 141.6  
 AMBIENT TEMPERATURE (DEG K) 284.9

SAMPLED VOLUME (CM\*\*3) 56.0  
 SAMPLE INTERVAL (M) 283.1  
 NUMBER DENSITY (NO/CM\*\*3) 95.52  
 LIQ. WATER CONTENT (GM/M\*\*3) .445

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.905
7.0 - 9.0	6.634
9.0 - 12.0	5.506
12.0 - 16.0	4.688
16.0 - 21.0	2.832
21.0 - 28.0	1.786
28.0 - 36.0	1.219
36.0 - 47.0	.106
47.0 - 62.0	.033
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 006 293  
 DATE 24 JAN 1972  
 TIME 17 1 35  
 COUNTER NUMBER 1563

AIRCRAFT ALTITUDE (KM) 1.5  
 AIRCRAFT VELOCITY (M/S) 141.6  
 AMBIENT TEMPERATURE (DEG K) 284.7

SAMPLED VOLUME (CM\*\*3) 56.0  
 SAMPLE INTERVAL (M) 141.6  
 NUMBER DENSITY (NO/CM\*\*3) 94.05  
 LIQ. WATER CONTENT (GM/M\*\*3) .741

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.464
7.0 - 9.0	3.902
9.0 - 12.0	2.881
12.0 - 16.0	3.277
16.0 - 21.0	3.468
21.0 - 28.0	2.829
28.0 - 36.0	1.603
36.0 - 47.0	.511
47.0 - 62.0	.033
62.0 - 82.0	.011
82.0 - 108.0	0.000

FLIGHT NUMBER 006 294  
 DATE 24 JAN 1972  
 TIME 17 1 36  
 COUNTER NUMBER 1564

AIRCRAFT ALTITUDE (KM) 1.5  
 AIRCRAFT VELOCITY (M/S) 141.6  
 AMBIENT TEMPERATURE (DEG K) 284.6

SAMPLED VOLUME (CM\*\*3) 56.0  
 SAMPLE INTERVAL (M) 141.6  
 NUMBER DENSITY (NO/CM\*\*3) 70.64  
 LIQ. WATER CONTENT (GM/M\*\*3) .511

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.643
7.0 - 9.0	2.705
9.0 - 12.0	2.679
12.0 - 16.0	2.996
16.0 - 21.0	2.321
21.0 - 28.0	2.135
28.0 - 36.0	1.156
36.0 - 47.0	.344
47.0 - 62.0	.004
62.0 - 82.0	.003
82.0 - 108.0	.002

FLIGHT NUMBER 006 295  
 DATE 24 JAN 1972  
 TIME 17 1 37  
 COUNTER NUMBER 1565

AIRCRAFT ALTITUDE (KM) 1.5  
 AIRCRAFT VELOCITY (M/S) 141.6  
 AMBIENT TEMPERATURE (DEG K) 284.6

SAMPLED VOLUME (CM\*\*3) 112.0  
 SAMPLE INTERVAL (M) 141.6  
 NUMBER DENSITY (NO/CM\*\*3) 43.46  
 LIQ. WATER CONTENT (GM/M\*\*3) .217

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.524
7.0 - 9.0	1.991
9.0 - 12.0	2.101
12.0 - 16.0	2.357
16.0 - 21.0	1.857
21.0 - 28.0	1.000
28.0 - 36.0	.530
36.0 - 47.0	.071
47.0 - 62.0	.011
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 296  
 DATE 24 JAN 1972  
 TIME 17 1 39  
 COUNTER NUMBER 1566

AIRCRAFT ALTITUDE (KM) 1.5  
 AIRCRAFT VELOCITY (M/S) 141.6  
 AMBIENT TEMPERATURE (DEG K) 284.6

SAMPLED VOLUME (CM\*\*3) 56.0  
 SAMPLE INTERVAL (M) 283.1  
 NUMBER DENSITY (NO/CM\*\*3) 103.05  
 LIQ. WATER CONTENT (GM/M\*\*3) .448

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.500
7.0 - 9.0	7.616
9.0 - 12.0	5.875
12.0 - 16.0	5.134
16.0 - 21.0	3.125
21.0 - 28.0	1.768
28.0 - 36.0	1.199
36.0 - 47.0	.196
47.0 - 62.0	.011
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 297  
 DATE 24 JAN 1972  
 TIME 17 1 40  
 COUNTER NUMBER 1567

AIRCRAFT ALTITUDE (KM) 1.5  
 AIRCRAFT VELOCITY (M/S) 141.6  
 AMBIENT TEMPERATURE (DEG K) 284.4

SAMPLED VOLUME (CM\*\*3) 56.0  
 SAMPLE INTERVAL (M) 141.6  
 NUMBER DENSITY (NO/CM\*\*3) 156.12  
 LIQ. WATER CONTENT (GM/M\*\*3) 1.078

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.500
7.0 - 9.0	8.536
9.0 - 12.0	6.696
12.0 - 16.0	6.790
16.0 - 21.0	5.268
21.0 - 28.0	3.898
28.0 - 36.0	3.060
36.0 - 47.0	.597
47.0 - 62.0	.011
62.0 - 82.0	.008
82.0 - 108.0	.002

FLIGHT NUMBER 006 298  
 DATE 24 JAN 1972  
 TIME 17 1 41  
 COUNTER NUMBER 1568

AIRCRAFT ALTITUDE (KM) 1.5  
 AIRCRAFT VELOCITY (M/S) 141.6  
 AMBIENT TEMPERATURE (DEG K) 284.4

SAMPLED VOLUME (CM\*\*3) 56.0  
 SAMPLE INTERVAL (M) 141.6  
 NUMBER DENSITY (NO/CM\*\*3) 128.07  
 LIQ. WATER CONTENT (GM/M\*\*3) .925

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.952
7.0 - 9.0	5.491
9.0 - 12.0	4.929
12.0 - 16.0	5.313
16.0 - 21.0	4.350
21.0 - 28.0	2.941
28.0 - 36.0	2.908
36.0 - 47.0	.568
47.0 - 62.0	.014
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 006 299  
 DATE 24 JAN 1972  
 TIME 17 1 42  
 COUNTER NUMBER 1569

AIRCRAFT ALTITUDE (KM) 1.5  
 AIRCRAFT VELOCITY (M/S) 141.6  
 AMBIENT TEMPERATURE (DEG K) 284.3

SAMPLED VOLUME (CM\*\*3) 112.0  
 SAMPLE INTERVAL (M) 141.6  
 NUMBER DENSITY (NO/CM\*\*3) 52.28  
 LIQ. WATER CONTENT (GM/M\*\*3) .310

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.708
7.0 - 9.0	2.201
9.0 - 12.0	2.018
12.0 - 16.0	2.154
16.0 - 21.0	2.237
21.0 - 28.0	1.621
28.0 - 36.0	.878
36.0 - 47.0	.091
47.0 - 62.0	.002
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 006 300  
 DATE 24 JAN 1972  
 TIME 17 1 44  
 COUNTER NUMBER 1570

AIRCRAFT ALTITUDE (KM) 1.5  
 AIRCRAFT VELOCITY (M/S) 141.6  
 AMBIENT TEMPERATURE (DEG K) 285.1

SAMPLED VOLUME (CM\*\*3) 56.0  
 SAMPLE INTERVAL (M) 283.1  
 NUMBER DENSITY (NO/CM\*\*3) 108.41  
 LIQ. WATER CONTENT (GM/M\*\*3) .794

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.452
7.0 - 9.0	4.768
9.0 - 12.0	3.065
12.0 - 16.0	4.545
16.0 - 21.0	3.682
21.0 - 28.0	3.179
28.0 - 36.0	2.623
36.0 - 47.0	.425
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 301  
DATE 24 JAN 1972  
TIME 17 1 45  
COUNTER NUMBER 1571

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 285.1  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) 19.73  
LIQ. WATER CONTENT (GM/M\*\*3) .116

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.071
7.0 - 9.0	1.170
9.0 - 12.0	.869
12.0 - 16.0	.737
16.0 - 21.0	.600
21.0 - 28.0	.500
28.0 - 36.0	.411
36.0 - 47.0	.041
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 302  
DATE 24 JAN 1972  
TIME 17 1 46  
COUNTER NUMBER 1572

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 285.0  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) 43.36  
LIQ. WATER CONTENT (GM/M\*\*3) .229

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.464
7.0 - 9.0	2.902
9.0 - 12.0	1.726
12.0 - 16.0	1.674
16.0 - 21.0	.804
21.0 - 28.0	1.130
28.0 - 36.0	.772
36.0 - 47.0	.075
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 303  
DATE 24 JAN 1972  
TIME 17 1 47  
COUNTER NUMBER 1573

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 284.9  
  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 140.3  
NUMBER DENSITY (NO/CM\*\*3) 178.69  
LIQ. WATER CONTENT (GM/M\*\*3) 1.322

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.527
7.0 - 9.0	5.191
9.0 - 12.0	4.242
12.0 - 16.0	6.077
16.0 - 21.0	6.236
21.0 - 28.0	6.987
28.0 - 36.0	5.114
36.0 - 47.0	.165
47.0 - 62.0	.007
62.0 - 82.0	0.000
82.0 - 108.0	.002

FLIGHT NUMBER 006 304  
DATE 24 JAN 1972  
TIME 17 1 48  
COUNTER NUMBER 1574

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 284.8  
  
SAMPLED VOLUME (CM\*\*3) 110.6  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 86.24  
LIQ. WATER CONTENT (GM/M\*\*3) .662

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.370
7.0 - 9.0	3.050
9.0 - 12.0	2.897
12.0 - 16.0	2.570
16.0 - 21.0	2.527
21.0 - 28.0	3.165
28.0 - 36.0	2.422
36.0 - 47.0	.157
47.0 - 62.0	.009
62.0 - 82.0	.003
82.0 - 108.0	.001

FLIGHT NUMBER 006 305  
DATE 24 JAN 1972  
TIME 17 1 50  
COUNTER NUMBER 1575

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 284.7  
  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 278.0  
NUMBER DENSITY (NO/CM\*\*3) 71.76  
LIQ. WATER CONTENT (GM/M\*\*3) .574

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.370
7.0 - 9.0	2.809
9.0 - 12.0	2.230
12.0 - 16.0	2.414
16.0 - 21.0	2.273
21.0 - 28.0	2.208
28.0 - 36.0	1.882
36.0 - 47.0	.190
47.0 - 62.0	.052
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 306  
DATE 24 JAN 1972  
TIME 17 1 51  
COUNTER NUMBER 1576

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 284.8  
  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 13.09  
LIQ. WATER CONTENT (GM/M\*\*3) .043

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.824
7.0 - 9.0	.736
9.0 - 12.0	.679
12.0 - 16.0	.795
16.0 - 21.0	.375
21.0 - 28.0	.390
28.0 - 36.0	.070
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 307  
DATE 24 JAN 1972  
TIME 17 1 52  
COUNTER NUMBER 1577

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 284.9  
  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 33.85  
LIQ. WATER CONTENT (GM/M\*\*3) .159

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.927
7.0 - 9.0	2.009
9.0 - 12.0	1.036
12.0 - 16.0	1.391
16.0 - 21.0	1.375
21.0 - 28.0	1.078
28.0 - 36.0	.475
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 308  
DATE 24 JAN 1972  
TIME 17 1 53  
COUNTER NUMBER 1578

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 284.7  
  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 141.78  
LIQ. WATER CONTENT (GM/M\*\*3) .828

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	5.000
9.0 - 12.0	6.364
12.0 - 16.0	6.164
16.0 - 21.0	6.022
21.0 - 28.0	5.348
28.0 - 36.0	2.286
36.0 - 47.0	.200
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 309  
DATE 24 JAN 1972  
TIME 17 1 54  
COUNTER NUMBER 1579

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 282.0  
  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 135.15  
LIQ. WATER CONTENT (GM/M\*\*3) .599

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.424
7.0 - 9.0	7.691
9.0 - 12.0	5.242
12.0 - 16.0	6.432
16.0 - 21.0	6.578
21.0 - 28.0	4.203
28.0 - 36.0	.809
36.0 - 47.0	.263
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 310  
DATE 24 JAN 1972  
TIME 17 1 55  
COUNTER NUMBER 1580

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 283.4  
  
SAMPLED VOLUME (CM\*\*3) 110.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 54.54  
LIQ. WATER CONTENT (GM/M\*\*3) .373

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.273
7.0 - 9.0	1.945
9.0 - 12.0	1.439
12.0 - 16.0	1.789
16.0 - 21.0	1.915
21.0 - 28.0	1.943
28.0 - 36.0	1.214
36.0 - 47.0	.118
47.0 - 62.0	.004
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 006 311  
DATE 24 JAN 1972  
TIME 17 1 57  
COUNTER NUMBER 1581

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 283.8  
  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 278.0  
NUMBER DENSITY (NO/CM\*\*3) 119.76  
LIQ. WATER CONTENT (GM/M\*\*3) .872

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.745
7.0 - 9.0	3.118
9.0 - 12.0	2.703
12.0 - 16.0	3.891
16.0 - 21.0	4.738
21.0 - 28.0	4.909
28.0 - 36.0	3.011
36.0 - 47.0	.175
47.0 - 62.0	.007
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 006 312  
DATE 24 JAN 1972  
TIME 17 1 58  
COUNTER NUMBER 1582

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 284.0  
  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 86.11  
LIQ. WATER CONTENT (GM/M\*\*3) .568

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.012
7.0 - 9.0	4.282
9.0 - 12.0	3.273
12.0 - 16.0	2.795
16.0 - 21.0	3.011
21.0 - 28.0	2.613
28.0 - 36.0	1.866
36.0 - 47.0	.185
47.0 - 62.0	.014
62.0 - 82.0	.008
82.0 - 108.0	0.000

FLIGHT NUMBER 006 313  
DATE 24 JAN 1972  
TIME 17 1 59  
COUNTER NUMBER 1583

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 284.2  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 59.82  
LIQ. WATER CONTENT (GM/M\*\*3) .535

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.139
7.0 - 9.0	3.864
9.0 - 12.0	2.139
12.0 - 16.0	2.027
16.0 - 21.0	2.167
21.0 - 28.0	1.314
28.0 - 36.0	.909
36.0 - 47.0	.387
47.0 - 62.0	.079
62.0 - 82.0	.003
82.0 - 108.0	.002

FLIGHT NUMBER 006 314  
DATE 24 JAN 1972  
TIME 17 2 0  
COUNTER NUMBER 1584

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 284.2  
SAMPLED VOLUME (CM\*\*3) 110.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 21.40  
LIQ. WATER CONTENT (GM/M\*\*3) .188

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.794
7.0 - 9.0	1.405
9.0 - 12.0	1.155
12.0 - 16.0	.659
16.0 - 21.0	.551
21.0 - 28.0	.455
28.0 - 36.0	.408
36.0 - 47.0	.165
47.0 - 62.0	.017
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 006 315  
DATE 24 JAN 1972  
TIME 17 2 2  
COUNTER NUMBER 1585

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 136.4  
AMBIENT TEMPERATURE (DEG K) 284.1  
SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 275.4  
NUMBER DENSITY (NO/CM\*\*3) .83  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.111
7.0 - 9.0	.111
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.044
21.0 - 28.0	.024
28.0 - 36.0	0.000
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 316  
DATE 24 JAN 1972  
TIME 17 2 3  
COUNTER NUMBER 1586

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 136.4  
AMBIENT TEMPERATURE (DEG K) 284.2  
SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 136.4  
NUMBER DENSITY (NO/CM\*\*3) .22  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.074
7.0 - 9.0	.028
9.0 - 12.0	0.000
12.0 - 16.0	.014
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 317  
DATE 24 JAN 1972  
TIME 17 2 4  
COUNTER NUMBER 1587

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 136.4  
AMBIENT TEMPERATURE (DEG K) 284.1  
SAMPLED VOLUME (CM\*\*3) 324.0  
SAMPLE INTERVAL (M) 136.4  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.012
7.0 - 9.0	0.000
9.0 - 12.0	.006
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 318  
DATE 24 JAN 1972  
TIME 17 2 10  
COUNTER NUMBER 1588

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 136.4  
AMBIENT TEMPERATURE (DEG K) 284.3  
SAMPLED VOLUME (CM\*\*3) 108.0  
SAMPLE INTERVAL (M) 818.5  
NUMBER DENSITY (NO/CM\*\*3) 96.09  
LIQ. WATER CONTENT (GM/M\*\*3) .725

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.599
7.0 - 9.0	1.750
9.0 - 12.0	1.552
12.0 - 16.0	2.053
16.0 - 21.0	4.137
21.0 - 28.0	5.282
28.0 - 36.0	2.325
36.0 - 47.0	.092
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 319  
DATE 24 JAN 1972  
TIME 17 2 12  
COUNTER NUMBER 1589

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 284.5  
SAMPLED VOLUME (CM\*\*3) 110.0  
SAMPLE INTERVAL (M) 275.4  
NUMBER DENSITY (NO/CM\*\*3) 110.36  
LIQ. WATER CONTENT (GM/M\*\*3) .886

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.945
7.0 - 9.0	3.068
9.0 - 12.0	2.242
12.0 - 16.0	2.350
16.0 - 21.0	3.936
21.0 - 28.0	5.730
28.0 - 36.0	2.915
36.0 - 47.0	.165
47.0 - 62.0	.015
62.0 - 82.0	0.000
82.0 - 108.0	.001

FLIGHT NUMBER 006 320  
DATE 24 JAN 1972  
TIME 17 6 35  
COUNTER NUMBER 1619

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 1.46  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.533
7.0 - 9.0	.180
9.0 - 12.0	.040
12.0 - 16.0	.015
16.0 - 21.0	0.000
21.0 - 28.0	.009
28.0 - 36.0	0.000
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 321  
DATE 24 JAN 1972  
TIME 17 6 36  
COUNTER NUMBER 1620

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 121.0  
NUMBER DENSITY (NO/CM\*\*3) 81.54  
LIQ. WATER CONTENT (GM/M\*\*3) .114

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.453
7.0 - 9.0	7.710
9.0 - 12.0	6.707
12.0 - 16.0	5.105
16.0 - 21.0	2.148
21.0 - 28.0	.489
28.0 - 36.0	.030
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 322  
DATE 24 JAN 1972  
TIME 17 6 37  
COUNTER NUMBER 1621

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 121.0  
NUMBER DENSITY (NO/CM\*\*3) 1.34  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.453
7.0 - 9.0	.120
9.0 - 12.0	.060
12.0 - 16.0	.015
16.0 - 21.0	.036
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 323  
DATE 24 JAN 1972  
TIME 17 6 38  
COUNTER NUMBER 1622

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 100.0  
SAMPLE INTERVAL (M) 121.0  
NUMBER DENSITY (NO/CM\*\*3) .52  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.227
7.0 - 9.0	.060
9.0 - 12.0	.020
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 324  
DATE 24 JAN 1972  
TIME 17 6 40  
COUNTER NUMBER 1623

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 239.4  
NUMBER DENSITY (NO/CM\*\*3) 1.57  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.422
7.0 - 9.0	.255
9.0 - 12.0	.041
12.0 - 16.0	0.000
16.0 - 21.0	.049
21.0 - 28.0	.009
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 325  
DATE 24 JAN 1972  
TIME 17 6 41  
COUNTER NUMBER 1624

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 118.4  
NUMBER DENSITY (NO/CM\*\*3) 1.51  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.422
7.0 - 9.0	.286
9.0 - 12.0	.061
12.0 - 16.0	.015
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	.008
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 326  
DATE 24 JAN 1972  
TIME 17 6 42  
COUNTER NUMBER 1625

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 118.4  
NUMBER DENSITY (NO/CM\*\*3) 96.35  
LIQ. WATER CONTENT (GM/M\*\*3) .078

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	12.027
7.0 - 9.0	14.469
9.0 - 12.0	9.986
12.0 - 16.0	3.423
16.0 - 21.0	.918
21.0 - 28.0	.125
28.0 - 36.0	.023
36.0 - 47.0	.006
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 327  
DATE 24 JAN 1972  
TIME 17 6 43  
COUNTER NUMBER 1626

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 100.0  
SAMPLE INTERVAL (M) 119.7  
NUMBER DENSITY (NO/CM\*\*3) 44.22  
LIQ. WATER CONTENT (GM/M\*\*3) .036

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.333
7.0 - 9.0	5.715
9.0 - 12.0	6.383
12.0 - 16.0	1.600
16.0 - 21.0	.362
21.0 - 28.0	.049
28.0 - 36.0	.011
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 328  
DATE 24 JAN 1972  
TIME 17 6 45  
COUNTER NUMBER 1627

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 239.4  
NUMBER DENSITY (NO/CM\*\*3) 3.78  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.680
7.0 - 9.0	.633
9.0 - 12.0	.313
12.0 - 16.0	.031
16.0 - 21.0	.024
21.0 - 28.0	.026
28.0 - 36.0	.015
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 329  
DATE 24 JAN 1972  
TIME 17 6 46  
COUNTER NUMBER 1628

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 118.4  
NUMBER DENSITY (NO/CM\*\*3) 59.31  
LIQ. WATER CONTENT (GM/M\*\*3) .038

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	14.190
7.0 - 9.0	9.786
9.0 - 12.0	3.803
12.0 - 16.0	1.082
16.0 - 21.0	.433
21.0 - 28.0	.044
28.0 - 36.0	.015
36.0 - 47.0	.011
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 330  
DATE 24 JAN 1972  
TIME 17 6 47  
COUNTER NUMBER 1629

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 119.7  
NUMBER DENSITY (NO/CM\*\*3) 72.32  
LIQ. WATER CONTENT (GM/M\*\*3) .053

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	11.000
7.0 - 9.0	10.710
9.0 - 12.0	8.187
12.0 - 16.0	1.480
16.0 - 21.0	.600
21.0 - 28.0	.097
28.0 - 36.0	.030
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 331  
DATE 24 JAN 1972  
TIME 17 6 48  
COUNTER NUMBER 1630

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 102.0  
SAMPLE INTERVAL (M) 122.3  
NUMBER DENSITY (NO/CM\*\*3) 29.78  
LIQ. WATER CONTENT (GM/M\*\*3) .026

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.105
7.0 - 9.0	4.348
9.0 - 12.0	3.062
12.0 - 16.0	.873
16.0 - 21.0	.343
21.0 - 28.0	.060
28.0 - 36.0	.011
36.0 - 47.0	.003
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 332  
DATE 24 JAN 1972  
TIME 17 6 50  
COUNTER NUMBER 1631

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 247.1  
NUMBER DENSITY (NO/CM\*\*3) 36.45  
LIQ. WATER CONTENT (GM/M\*\*3) .070

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.176
7.0 - 9.0	3.520
9.0 - 12.0	1.634
12.0 - 16.0	2.113
16.0 - 21.0	1.725
21.0 - 28.0	.339
28.0 - 36.0	.029
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 333  
DATE 24 JAN 1972  
TIME 17 6 51  
COUNTER NUMBER 1632

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 64.37  
LIQ. WATER CONTENT (GM/M\*\*3) .066

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.020
7.0 - 9.0	8.784
9.0 - 12.0	5.327
12.0 - 16.0	2.279
16.0 - 21.0	1.322
21.0 - 28.0	.199
28.0 - 36.0	.022
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 334  
DATE 24 JAN 1972  
TIME 17 6 52  
COUNTER NUMBER 1633

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 102.0  
SAMPLE INTERVAL (M) 124.8  
NUMBER DENSITY (NO/CM\*\*3) 72.89  
LIQ. WATER CONTENT (GM/M\*\*3) .118

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.065
7.0 - 9.0	6.877
9.0 - 12.0	4.859
12.0 - 16.0	4.113
16.0 - 21.0	3.100
21.0 - 28.0	.480
28.0 - 36.0	.015
36.0 - 47.0	.003
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 335  
DATE 24 JAN 1972  
TIME 17 6 54  
COUNTER NUMBER 1634

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 252.3  
NUMBER DENSITY (NO/CM\*\*3) 216.43  
LIQ. WATER CONTENT (GM/M\*\*3) .572

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	14.863
7.0 - 9.0	10.686
9.0 - 12.0	6.183
12.0 - 16.0	11.044
16.0 - 21.0	16.569
21.0 - 28.0	3.745
28.0 - 36.0	.123
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 336  
DATE 24 JAN 1972  
TIME 17 6 55  
COUNTER NUMBER 1635

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 126.1  
NUMBER DENSITY (NO/CM\*\*3) 222.02  
LIQ. WATER CONTENT (GM/M\*\*3) .480

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.843
7.0 - 9.0	12.588
9.0 - 12.0	5.105
12.0 - 16.0	14.338
16.0 - 21.0	22.255
21.0 - 28.0	.059
28.0 - 36.0	.091
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000



FLIGHT NUMBER 006 337  
DATE 24 JAN 1972  
TIME 17 6 56  
COUNTER NUMBER 1636

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 127.4  
NUMBER DENSITY (NO/CM\*\*3) 189.75  
LIQ. WATER CONTENT (GM/M\*\*3) .446

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.077
7.0 - 9.0	25.894
9.0 - 12.0	5.744
12.0 - 16.0	10.457
16.0 - 21.0	11.715
21.0 - 28.0	2.522
28.0 - 36.0	.043
36.0 - 47.0	.059
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 338  
DATE 24 JAN 1972  
TIME 17 6 57  
COUNTER NUMBER 1637

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 63.87  
LIQ. WATER CONTENT (GM/M\*\*3) .151

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.115
7.0 - 9.0	3.779
9.0 - 12.0	2.340
12.0 - 16.0	4.207
16.0 - 21.0	4.050
21.0 - 28.0	.797
28.0 - 36.0	.043
36.0 - 47.0	.010
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 339  
DATE 24 JAN 1972  
TIME 17 6 58  
COUNTER NUMBER 1638

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 211.81  
LIQ. WATER CONTENT (GM/M\*\*3) .613

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.372
7.0 - 9.0	6.933
9.0 - 12.0	5.705
12.0 - 16.0	13.322
16.0 - 21.0	16.500
21.0 - 28.0	4.299
28.0 - 36.0	.075
36.0 - 47.0	.026
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 340  
DATE 24 JAN 1972  
TIME 17 6 59  
COUNTER NUMBER 1639

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 104.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 110.12  
LIQ. WATER CONTENT (GM/M\*\*3) .336

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.763
7.0 - 9.0	4.611
9.0 - 12.0	3.064
12.0 - 16.0	6.250
16.0 - 21.0	8.406
21.0 - 28.0	2.657
28.0 - 36.0	.034
36.0 - 47.0	.013
47.0 - 62.0	.002
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 341  
DATE 24 JAN 1972  
TIME 17 7 1  
COUNTER NUMBER 1640

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 257.4  
NUMBER DENSITY (NO/CM\*\*3) 124.96  
LIQ. WATER CONTENT (GM/M\*\*3) .336

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.038
7.0 - 9.0	6.279
9.0 - 12.0	3.724
12.0 - 16.0	7.692
16.0 - 21.0	8.846
21.0 - 28.0	2.385
28.0 - 36.0	.060
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 342  
DATE 24 JAN 1972  
TIME 17 7 2  
COUNTER NUMBER 1641

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 111.37  
LIQ. WATER CONTENT (GM/M\*\*3) .317

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.000
7.0 - 9.0	6.096
9.0 - 12.0	3.103
12.0 - 16.0	5.827
16.0 - 21.0	9.135
21.0 - 28.0	2.000
28.0 - 36.0	.096
36.0 - 47.0	.010
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 343  
DATE 24 JAN 1972  
TIME 17 7 3  
COUNTER NUMBER 1642

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 229.87  
LIQ. WATER CONTENT (GM/M\*\*3) .545

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.167
7.0 - 9.0	15.894
9.0 - 12.0	8.468
12.0 - 16.0	13.101
16.0 - 21.0	17.965
21.0 - 28.0	2.514
28.0 - 36.0	.060
36.0 - 47.0	.005
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 344  
DATE 24 JAN 1972  
TIME 17 7 4  
COUNTER NUMBER 1643

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 131.3  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 53.0  
SAMPLE INTERVAL (M) 130.0  
NUMBER DENSITY (NO/CM\*\*3) 208.70  
LIQ. WATER CONTENT (GM/M\*\*3) .487

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	10.013
7.0 - 9.0	12.462
9.0 - 12.0	9.075
12.0 - 16.0	13.354
16.0 - 21.0	14.042
21.0 - 28.0	2.466
28.0 - 36.0	.066
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 006 345  
DATE 24 JAN 1972  
TIME 17 7 5  
COUNTER NUMBER 1644

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 104.0  
SAMPLE INTERVAL (M) 130.0  
NUMBER DENSITY (NO/CM\*\*3) 78.39  
LIQ. WATER CONTENT (GM/M\*\*3) .169

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.205
7.0 - 9.0	5.976
9.0 - 12.0	3.625
12.0 - 16.0	4.349
16.0 - 21.0	4.387
21.0 - 28.0	.905
28.0 - 36.0	.064
36.0 - 47.0	.008
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 346  
DATE 24 JAN 1972  
TIME 17 7 7  
COUNTER NUMBER 1645

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 257.4  
NUMBER DENSITY (NO/CM\*\*3) 63.46  
LIQ. WATER CONTENT (GM/M\*\*3) .085

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.090
7.0 - 9.0	6.788
9.0 - 12.0	3.782
12.0 - 16.0	3.063
16.0 - 21.0	2.088
21.0 - 28.0	.283
28.0 - 36.0	.022
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 347  
DATE 24 JAN 1972  
TIME 17 7 8  
COUNTER NUMBER 1646

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 219.35  
LIQ. WATER CONTENT (GM/M\*\*3) .515

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	12.410
7.0 - 9.0	9.038
9.0 - 12.0	5.308
12.0 - 16.0	14.317
16.0 - 21.0	19.492
21.0 - 28.0	1.657
28.0 - 36.0	.043
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 348  
DATE 24 JAN 1972  
TIME 17 7 9  
COUNTER NUMBER 1647

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 131.3  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 53.0  
SAMPLE INTERVAL (M) 130.0  
NUMBER DENSITY (NO/CM\*\*3) 222.62  
LIQ. WATER CONTENT (GM/M\*\*3) .577

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.679
7.0 - 9.0	8.604
9.0 - 12.0	5.226
12.0 - 16.0	14.561
16.0 - 21.0	19.985
21.0 - 28.0	2.526
28.0 - 36.0	.101
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 10 COUNTER NUMBER 1648	349	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 12 COUNTER NUMBER 1649	350	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 13 COUNTER NUMBER 1650	351
AIRCRAFT ALTITUDE (KM)	.9	AIRCRAFT ALTITUDE (KM)	.9	AIRCRAFT ALTITUDE (KM)	.9
AIRCRAFT VELOCITY (M/S)	133.8	AIRCRAFT VELOCITY (M/S)	136.4	AIRCRAFT VELOCITY (M/S)	133.8
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	108.0	SAMPLED VOLUME (CM**3)	54.0	SAMPLED VOLUME (CM**3)	54.0
SAMPLE INTERVAL (M)	132.6	SAMPLE INTERVAL (M)	270.3	SAMPLE INTERVAL (M)	135.1
NUMBER DENSITY (NO/CM**3)	101.69	NUMBER DENSITY (NO/CM**3)	200.33	NUMBER DENSITY (NO/CM**3)	201.72
LIQ. WATER CONTENT (GM/M**3)	.188	LIQ. WATER CONTENT (GM/M**3)	.313	LIQ. WATER CONTENT (GM/M**3)	.496
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	5.531	5.5 - 7.0	7.864	5.5 - 7.0	8.864
7.0 - 9.0	3.861	7.0 - 9.0	11.685	7.0 - 9.0	9.602
9.0 - 12.0	3.877	9.0 - 12.0	14.117	9.0 - 12.0	5.901
12.0 - 16.0	10.532	12.0 - 16.0	17.921	12.0 - 16.0	14.074
16.0 - 21.0	5.954	16.0 - 21.0	10.159	16.0 - 21.0	15.541
21.0 - 28.0	.269	21.0 - 28.0	0.000	21.0 - 28.0	2.389
28.0 - 36.0	.032	28.0 - 36.0	.035	28.0 - 36.0	.053
36.0 - 47.0	0.000	36.0 - 47.0	.005	36.0 - 47.0	.005
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 16 COUNTER NUMBER 1651	352	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 16 COUNTER NUMBER 1652	353	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 17 COUNTER NUMBER 1653	354
AIRCRAFT ALTITUDE (KM)	.9	AIRCRAFT ALTITUDE (KM)	.9	AIRCRAFT ALTITUDE (KM)	.9
AIRCRAFT VELOCITY (M/S)	136.4	AIRCRAFT VELOCITY (M/S)	131.3	AIRCRAFT VELOCITY (M/S)	131.3
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	108.0	SAMPLED VOLUME (CM**3)	53.0	SAMPLED VOLUME (CM**3)	53.0
SAMPLE INTERVAL (M)	135.1	SAMPLE INTERVAL (M)	267.7	SAMPLE INTERVAL (M)	131.3
NUMBER DENSITY (NO/CM**3)	79.29	NUMBER DENSITY (NO/CM**3)	137.55	NUMBER DENSITY (NO/CM**3)	37.23
LIQ. WATER CONTENT (GM/M**3)	.136	LIQ. WATER CONTENT (GM/M**3)	.281	LIQ. WATER CONTENT (GM/M**3)	.055
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	9.296	5.5 - 7.0	12.453	5.5 - 7.0	6.126
7.0 - 9.0	8.750	7.0 - 9.0	12.321	7.0 - 9.0	3.538
9.0 - 12.0	3.287	9.0 - 12.0	4.283	9.0 - 12.0	2.201
12.0 - 16.0	3.463	12.0 - 16.0	7.972	12.0 - 16.0	1.486
16.0 - 21.0	3.843	16.0 - 21.0	7.864	16.0 - 21.0	1.238
21.0 - 28.0	.665	21.0 - 28.0	1.372	21.0 - 28.0	.294
28.0 - 36.0	.029	28.0 - 36.0	.050	28.0 - 36.0	.021
36.0 - 47.0	.003	36.0 - 47.0	.010	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	.004	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 18 COUNTER NUMBER 1654	355	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 19 COUNTER NUMBER 1655	356	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 20 COUNTER NUMBER 1656	357
AIRCRAFT ALTITUDE (KM)	.9	AIRCRAFT ALTITUDE (KM)	1.2	AIRCRAFT ALTITUDE (KM)	1.2
AIRCRAFT VELOCITY (M/S)	131.3	AIRCRAFT VELOCITY (M/S)	131.3	AIRCRAFT VELOCITY (M/S)	131.3
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	53.0	SAMPLED VOLUME (CM**3)	53.0	SAMPLED VOLUME (CM**3)	106.0
SAMPLE INTERVAL (M)	131.3	SAMPLE INTERVAL (M)	131.3	SAMPLE INTERVAL (M)	131.3
NUMBER DENSITY (NO/CM**3)	81.98	NUMBER DENSITY (NO/CM**3)	122.62	NUMBER DENSITY (NO/CM**3)	.91
LIQ. WATER CONTENT (GM/M**3)	.099	LIQ. WATER CONTENT (GM/M**3)	.124	LIQ. WATER CONTENT (GM/M**3)	.012
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	8.843	5.5 - 7.0	12.264	5.5 - 7.0	.132
7.0 - 9.0	6.160	7.0 - 9.0	11.991	7.0 - 9.0	.057
9.0 - 12.0	6.975	9.0 - 12.0	12.868	9.0 - 12.0	.028
12.0 - 16.0	6.085	12.0 - 16.0	7.750	12.0 - 16.0	.035
16.0 - 21.0	1.887	16.0 - 21.0	1.932	16.0 - 21.0	.011
21.0 - 28.0	.226	21.0 - 28.0	.100	21.0 - 28.0	.008
28.0 - 36.0	.014	28.0 - 36.0	.021	28.0 - 36.0	.018
36.0 - 47.0	0.000	36.0 - 47.0	.010	36.0 - 47.0	.008
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	.001
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 22 COUNTER NUMBER 1657	358	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 23 COUNTER NUMBER 1658	359	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 24 COUNTER NUMBER 1659	360
AIRCRAFT ALTITUDE (KM)	1.2	AIRCRAFT ALTITUDE (KM)	1.2	AIRCRAFT ALTITUDE (KM)	1.2
AIRCRAFT VELOCITY (M/S)	131.3	AIRCRAFT VELOCITY (M/S)	131.3	AIRCRAFT VELOCITY (M/S)	128.7
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	53.0	SAMPLED VOLUME (CM**3)	53.0	SAMPLED VOLUME (CM**3)	52.0
SAMPLE INTERVAL (M)	262.5	SAMPLE INTERVAL (M)	131.3	SAMPLE INTERVAL (M)	130.0
NUMBER DENSITY (NO/CM**3)	3.83	NUMBER DENSITY (NO/CM**3)	9.77	NUMBER DENSITY (NO/CM**3)	8.25
LIQ. WATER CONTENT (GM/M**3)	.077	LIQ. WATER CONTENT (GM/M**3)	.167	LIQ. WATER CONTENT (GM/M**3)	.138
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.314	5.5 - 7.0	.667	5.5 - 7.0	.833
7.0 - 9.0	.292	7.0 - 9.0	.670	7.0 - 9.0	.144
9.0 - 12.0	.195	9.0 - 12.0	.270	9.0 - 12.0	.115
12.0 - 16.0	.071	12.0 - 16.0	.250	12.0 - 16.0	.341
16.0 - 21.0	.057	16.0 - 21.0	.174	16.0 - 21.0	.081
21.0 - 28.0	.057	21.0 - 28.0	.183	21.0 - 28.0	.137
28.0 - 36.0	.007	28.0 - 36.0	.184	28.0 - 36.0	.180
36.0 - 47.0	.091	36.0 - 47.0	.129	36.0 - 47.0	.168
47.0 - 62.0	.006	47.0 - 62.0	.031	47.0 - 62.0	.019
62.0 - 82.0	0.000	62.0 - 82.0	.003	62.0 - 82.0	.003
82.0 - 108.0	.002	82.0 - 108.0	.002	82.0 - 108.0	0.000

FLIGHT NUMBER 006 337  
DATE 24 JAN 1972  
TIME 17 6 56  
COUNTER NUMBER 1636

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 127.4  
NUMBER DENSITY (NO/CM\*\*3) 189.75  
LIQ. WATER CONTENT (GM/M\*\*3) .446

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.077
7.0 - 9.0	25.894
9.0 - 12.0	5.744
12.0 - 16.0	10.457
16.0 - 21.0	11.715
21.0 - 28.0	2.522
28.0 - 36.0	.043
36.0 - 47.0	.059
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 338  
DATE 24 JAN 1972  
TIME 17 6 57  
COUNTER NUMBER 1637

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 63.87  
LIQ. WATER CONTENT (GM/M\*\*3) .151

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.115
7.0 - 9.0	3.779
9.0 - 12.0	2.340
12.0 - 16.0	4.207
16.0 - 21.0	4.050
21.0 - 28.0	.797
28.0 - 36.0	.043
36.0 - 47.0	.010
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 339  
DATE 24 JAN 1972  
TIME 17 6 58  
COUNTER NUMBER 1638

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 211.81  
LIQ. WATER CONTENT (GM/M\*\*3) .613

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.372
7.0 - 9.0	6.933
9.0 - 12.0	5.705
12.0 - 16.0	13.322
16.0 - 21.0	16.500
21.0 - 28.0	4.299
28.0 - 36.0	.075
36.0 - 47.0	.026
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 340  
DATE 24 JAN 1972  
TIME 17 6 59  
COUNTER NUMBER 1639

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 104.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 110.12  
LIQ. WATER CONTENT (GM/M\*\*3) .336

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.763
7.0 - 9.0	4.611
9.0 - 12.0	3.064
12.0 - 16.0	6.250
16.0 - 21.0	8.406
21.0 - 28.0	2.657
28.0 - 36.0	.034
36.0 - 47.0	.013
47.0 - 62.0	.002
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 341  
DATE 24 JAN 1972  
TIME 17 7 1  
COUNTER NUMBER 1640

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 257.4  
NUMBER DENSITY (NO/CM\*\*3) 124.96  
LIQ. WATER CONTENT (GM/M\*\*3) .336

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.038
7.0 - 9.0	6.279
9.0 - 12.0	3.724
12.0 - 16.0	7.692
16.0 - 21.0	8.846
21.0 - 28.0	2.385
28.0 - 36.0	.060
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 342  
DATE 24 JAN 1972  
TIME 17 7 2  
COUNTER NUMBER 1641

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 111.37  
LIQ. WATER CONTENT (GM/M\*\*3) .317

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.000
7.0 - 9.0	6.096
9.0 - 12.0	3.103
12.0 - 16.0	5.827
16.0 - 21.0	9.135
21.0 - 28.0	2.000
28.0 - 36.0	.096
36.0 - 47.0	.010
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 343  
DATE 24 JAN 1972  
TIME 17 7 3  
COUNTER NUMBER 1642

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 229.87  
LIQ. WATER CONTENT (GM/M\*\*3) .545

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.167
7.0 - 9.0	15.894
9.0 - 12.0	8.468
12.0 - 16.0	13.101
16.0 - 21.0	17.965
21.0 - 28.0	2.514
28.0 - 36.0	.060
36.0 - 47.0	.005
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 344  
DATE 24 JAN 1972  
TIME 17 7 4  
COUNTER NUMBER 1643

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 131.3  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 53.0  
SAMPLE INTERVAL (M) 130.0  
NUMBER DENSITY (NO/CM\*\*3) 208.70  
LIQ. WATER CONTENT (GM/M\*\*3) .487

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	10.013
7.0 - 9.0	12.462
9.0 - 12.0	9.075
12.0 - 16.0	13.354
16.0 - 21.0	14.042
21.0 - 28.0	2.466
28.0 - 36.0	.066
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 006 345  
DATE 24 JAN 1972  
TIME 17 7 5  
COUNTER NUMBER 1644

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 104.0  
SAMPLE INTERVAL (M) 130.0  
NUMBER DENSITY (NO/CM\*\*3) 78.39  
LIQ. WATER CONTENT (GM/M\*\*3) .169

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.205
7.0 - 9.0	5.976
9.0 - 12.0	3.625
12.0 - 16.0	4.349
16.0 - 21.0	4.387
21.0 - 28.0	.905
28.0 - 36.0	.064
36.0 - 47.0	.008
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 346  
DATE 24 JAN 1972  
TIME 17 7 7  
COUNTER NUMBER 1645

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 257.4  
NUMBER DENSITY (NO/CM\*\*3) 63.46  
LIQ. WATER CONTENT (GM/M\*\*3) .085

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.090
7.0 - 9.0	6.788
9.0 - 12.0	3.782
12.0 - 16.0	3.063
16.0 - 21.0	2.088
21.0 - 28.0	.283
28.0 - 36.0	.022
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 347  
DATE 24 JAN 1972  
TIME 17 7 8  
COUNTER NUMBER 1646

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 219.35  
LIQ. WATER CONTENT (GM/M\*\*3) .515

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	12.410
7.0 - 9.0	9.038
9.0 - 12.0	5.308
12.0 - 16.0	14.317
16.0 - 21.0	19.492
21.0 - 28.0	1.657
28.0 - 36.0	.043
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 348  
DATE 24 JAN 1972  
TIME 17 7 9  
COUNTER NUMBER 1647

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 131.3  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 53.0  
SAMPLE INTERVAL (M) 130.0  
NUMBER DENSITY (NO/CM\*\*3) 222.62  
LIQ. WATER CONTENT (GM/M\*\*3) .577

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.679
7.0 - 9.0	8.604
9.0 - 12.0	5.226
12.0 - 16.0	14.561
16.0 - 21.0	19.985
21.0 - 28.0	2.526
28.0 - 36.0	.101
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 10 COUNTER NUMBER 1646	349	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 12 COUNTER NUMBER 1649	350	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 13 COUNTER NUMBER 1650	351
AIRCRAFT ALTITUDE (KM)	.9	AIRCRAFT ALTITUDE (KM)	.9	AIRCRAFT ALTITUDE (KM)	.9
AIRCRAFT VELOCITY (M/S)	133.8	AIRCRAFT VELOCITY (M/S)	136.4	AIRCRAFT VELOCITY (M/S)	133.8
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	108.0	SAMPLED VOLUME (CM**3)	54.0	SAMPLED VOLUME (CM**3)	54.0
SAMPLE INTERVAL (M)	132.6	SAMPLE INTERVAL (M)	270.3	SAMPLE INTERVAL (M)	135.1
NUMBER DENSITY (NO/CM**3)	101.69	NUMBER DENSITY (NO/CM**3)	200.33	NUMBER DENSITY (NO/CM**3)	201.72
LIQ. WATER CONTENT (GM/M**3)	.188	LIQ. WATER CONTENT (GM/M**3)	.313	LIQ. WATER CONTENT (GM/M**3)	.496
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	5.531	5.5 - 7.0	7.864	5.5 - 7.0	8.864
7.0 - 9.0	3.861	7.0 - 9.0	11.685	7.0 - 9.0	9.602
9.0 - 12.0	3.877	9.0 - 12.0	14.117	9.0 - 12.0	9.901
12.0 - 16.0	10.532	12.0 - 16.0	17.921	12.0 - 16.0	14.074
16.0 - 21.0	5.954	16.0 - 21.0	10.159	16.0 - 21.0	15.541
21.0 - 28.0	.269	21.0 - 28.0	0.000	21.0 - 28.0	2.389
28.0 - 36.0	.032	28.0 - 36.0	.035	28.0 - 36.0	.053
36.0 - 47.0	0.000	36.0 - 47.0	.005	36.0 - 47.0	.005
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 14 COUNTER NUMBER 1651	352	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 16 COUNTER NUMBER 1652	353	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 17 COUNTER NUMBER 1653	354
AIRCRAFT ALTITUDE (KM)	.9	AIRCRAFT ALTITUDE (KM)	.9	AIRCRAFT ALTITUDE (KM)	.9
AIRCRAFT VELOCITY (M/S)	136.4	AIRCRAFT VELOCITY (M/S)	131.3	AIRCRAFT VELOCITY (M/S)	131.3
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	108.0	SAMPLED VOLUME (CM**3)	53.0	SAMPLED VOLUME (CM**3)	53.0
SAMPLE INTERVAL (M)	135.1	SAMPLE INTERVAL (M)	267.7	SAMPLE INTERVAL (M)	131.3
NUMBER DENSITY (NO/CM**3)	79.29	NUMBER DENSITY (NO/CM**3)	137.55	NUMBER DENSITY (NO/CM**3)	37.23
LIQ. WATER CONTENT (GM/M**3)	.136	LIQ. WATER CONTENT (GM/M**3)	.281	LIQ. WATER CONTENT (GM/M**3)	.055
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	9.296	5.5 - 7.0	12.453	5.5 - 7.0	6.126
7.0 - 9.0	8.750	7.0 - 9.0	12.321	7.0 - 9.0	3.538
9.0 - 12.0	3.287	9.0 - 12.0	4.283	9.0 - 12.0	2.201
12.0 - 16.0	3.463	12.0 - 16.0	7.972	12.0 - 16.0	1.486
16.0 - 21.0	3.843	16.0 - 21.0	7.864	16.0 - 21.0	1.238
21.0 - 28.0	.665	21.0 - 28.0	1.372	21.0 - 28.0	.294
28.0 - 36.0	.029	28.0 - 36.0	.050	28.0 - 36.0	.021
36.0 - 47.0	.003	36.0 - 47.0	.010	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	.004	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 18 COUNTER NUMBER 1654	355	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 19 COUNTER NUMBER 1655	356	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 20 COUNTER NUMBER 1656	357
AIRCRAFT ALTITUDE (KM)	.9	AIRCRAFT ALTITUDE (KM)	1.2	AIRCRAFT ALTITUDE (KM)	1.2
AIRCRAFT VELOCITY (M/S)	131.3	AIRCRAFT VELOCITY (M/S)	131.3	AIRCRAFT VELOCITY (M/S)	131.3
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	53.0	SAMPLED VOLUME (CM**3)	53.0	SAMPLED VOLUME (CM**3)	106.0
SAMPLE INTERVAL (M)	131.3	SAMPLE INTERVAL (M)	131.3	SAMPLE INTERVAL (M)	131.3
NUMBER DENSITY (NO/CM**3)	81.98	NUMBER DENSITY (NO/CM**3)	122.62	NUMBER DENSITY (NO/CM**3)	.91
LIQ. WATER CONTENT (GM/M**3)	.099	LIQ. WATER CONTENT (GM/M**3)	.124	LIQ. WATER CONTENT (GM/M**3)	.012
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	8.843	5.5 - 7.0	12.264	5.5 - 7.0	.132
7.0 - 9.0	6.160	7.0 - 9.0	11.991	7.0 - 9.0	.057
9.0 - 12.0	6.975	9.0 - 12.0	12.868	9.0 - 12.0	.028
12.0 - 16.0	6.085	12.0 - 16.0	7.750	12.0 - 16.0	.035
16.0 - 21.0	1.887	16.0 - 21.0	1.932	16.0 - 21.0	.011
21.0 - 28.0	.226	21.0 - 28.0	.100	21.0 - 28.0	.008
28.0 - 36.0	.014	28.0 - 36.0	.021	28.0 - 36.0	.018
36.0 - 47.0	0.000	36.0 - 47.0	.010	36.0 - 47.0	.008
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	.001
82.0 - 108.0	0.000	82.0 - 108.0	0.000	82.0 - 108.0	0.000
FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 22 COUNTER NUMBER 1657	358	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 23 COUNTER NUMBER 1658	359	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 7 24 COUNTER NUMBER 1659	360
AIRCRAFT ALTITUDE (KM)	1.2	AIRCRAFT ALTITUDE (KM)	1.2	AIRCRAFT ALTITUDE (KM)	1.2
AIRCRAFT VELOCITY (M/S)	131.3	AIRCRAFT VELOCITY (M/S)	131.3	AIRCRAFT VELOCITY (M/S)	128.7
AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9	AMBIENT TEMPERATURE (DEG K)	999.9
SAMPLED VOLUME (CM**3)	53.0	SAMPLED VOLUME (CM**3)	53.0	SAMPLED VOLUME (CM**3)	52.0
SAMPLE INTERVAL (M)	262.5	SAMPLE INTERVAL (M)	131.3	SAMPLE INTERVAL (M)	130.0
NUMBER DENSITY (NO/CM**3)	3.83	NUMBER DENSITY (NO/CM**3)	9.77	NUMBER DENSITY (NO/CM**3)	8.25
LIQ. WATER CONTENT (GM/M**3)	.077	LIQ. WATER CONTENT (GM/M**3)	.167	LIQ. WATER CONTENT (GM/M**3)	.138
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.314	5.5 - 7.0	.667	5.5 - 7.0	.833
7.0 - 9.0	.292	7.0 - 9.0	.670	7.0 - 9.0	.144
9.0 - 12.0	.195	9.0 - 12.0	.270	9.0 - 12.0	.115
12.0 - 16.0	.071	12.0 - 16.0	.250	12.0 - 16.0	.341
16.0 - 21.0	.057	16.0 - 21.0	.174	16.0 - 21.0	.081
21.0 - 28.0	.057	21.0 - 28.0	.183	21.0 - 28.0	.137
28.0 - 36.0	.007	28.0 - 36.0	.184	28.0 - 36.0	.180
36.0 - 47.0	.091	36.0 - 47.0	.129	36.0 - 47.0	.168
47.0 - 62.0	.008	47.0 - 62.0	.031	47.0 - 62.0	.019
62.0 - 82.0	0.000	62.0 - 82.0	.003	62.0 - 82.0	.003
82.0 - 108.0	.002	82.0 - 108.0	.002	82.0 - 108.0	0.000

FLIGHT NUMBER 006 361  
DATE 24 JAN 1972  
TIME 17 7 25  
COUNTER NUMBER 1660  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 104.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 4.34  
LIQ. WATER CONTENT (GM/M\*\*3) .091

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.135
7.0 - 9.0	.101
9.0 - 12.0	.109
12.0 - 16.0	.209
16.0 - 21.0	.048
21.0 - 28.0	.029
28.0 - 36.0	.127
36.0 - 47.0	.081
47.0 - 62.0	.026
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 006 362  
DATE 24 JAN 1972  
TIME 17 7 27  
COUNTER NUMBER 1661  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 257.4  
NUMBER DENSITY (NO/CM\*\*3) 29.67  
LIQ. WATER CONTENT (GM/M\*\*3) .568

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.962
7.0 - 9.0	1.260
9.0 - 12.0	.936
12.0 - 16.0	.702
16.0 - 21.0	.588
21.0 - 28.0	.566
28.0 - 36.0	.781
36.0 - 47.0	.502
47.0 - 62.0	.072
62.0 - 82.0	.006
82.0 - 108.0	.009

FLIGHT NUMBER 006 363  
DATE 24 JAN 1972  
TIME 17 7 28  
COUNTER NUMBER 1662  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 90.92  
LIQ. WATER CONTENT (GM/M\*\*3) 1.529

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.846
7.0 - 9.0	4.144
9.0 - 12.0	2.603
12.0 - 16.0	2.793
16.0 - 21.0	1.946
21.0 - 28.0	1.717
28.0 - 36.0	2.012
36.0 - 47.0	1.059
47.0 - 62.0	.260
62.0 - 82.0	.060
82.0 - 108.0	.011

FLIGHT NUMBER 006 364  
DATE 24 JAN 1972  
TIME 17 7 29  
COUNTER NUMBER 1663  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 73.35  
LIQ. WATER CONTENT (GM/M\*\*3) 1.242

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.474
7.0 - 9.0	3.029
9.0 - 12.0	1.981
12.0 - 16.0	2.163
16.0 - 21.0	1.692
21.0 - 28.0	1.346
28.0 - 36.0	1.906
36.0 - 47.0	.967
47.0 - 62.0	.172
62.0 - 82.0	.048
82.0 - 108.0	.007

FLIGHT NUMBER 006 365  
DATE 24 JAN 1972  
TIME 17 7 30  
COUNTER NUMBER 1664  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 55.69  
LIQ. WATER CONTENT (GM/M\*\*3) .898

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.077
7.0 - 9.0	1.952
9.0 - 12.0	1.481
12.0 - 16.0	2.298
16.0 - 21.0	1.415
21.0 - 28.0	.934
28.0 - 36.0	1.149
36.0 - 47.0	.715
47.0 - 62.0	.132
62.0 - 82.0	.038
82.0 - 108.0	.004

FLIGHT NUMBER 006 366  
DATE 24 JAN 1972  
TIME 17 7 31  
COUNTER NUMBER 1665  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 50.92  
LIQ. WATER CONTENT (GM/M\*\*3) 1.078

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.282
7.0 - 9.0	1.798
9.0 - 12.0	1.519
12.0 - 16.0	1.500
16.0 - 21.0	1.177
21.0 - 28.0	1.003
28.0 - 36.0	1.050
36.0 - 47.0	.715
47.0 - 62.0	.200
62.0 - 82.0	.041
82.0 - 108.0	.013

FLIGHT NUMBER 006 367  
DATE 24 JAN 1972  
TIME 17 7 32  
COUNTER NUMBER 1666  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 104.0  
SAMPLE INTERVAL (M) 128.7  
NUMBER DENSITY (NO/CM\*\*3) 14.98  
LIQ. WATER CONTENT (GM/M\*\*3) .322

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.641
7.0 - 9.0	.899
9.0 - 12.0	.349
12.0 - 16.0	.502
16.0 - 21.0	.354
21.0 - 28.0	.210
28.0 - 36.0	.255
36.0 - 47.0	.215
47.0 - 62.0	.076
62.0 - 82.0	.015
82.0 - 108.0	.002

FLIGHT NUMBER 006 368  
DATE 24 JAN 1972  
TIME 17 7 34  
COUNTER NUMBER 1667  
AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 254.8  
NUMBER DENSITY (NO/CM\*\*3) 14.61  
LIQ. WATER CONTENT (GM/M\*\*3) .342

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.405
7.0 - 9.0	.206
9.0 - 12.0	.588
12.0 - 16.0	.426
16.0 - 21.0	.180
21.0 - 28.0	.280
28.0 - 36.0	.245
36.0 - 47.0	.373
47.0 - 62.0	.056
62.0 - 82.0	.018
82.0 - 108.0	0.000

FLIGHT NUMBER 006 369  
DATE 24 JAN 1972  
TIME 17 7 35  
COUNTER NUMBER 1668  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 126.1  
NUMBER DENSITY (NO/CM\*\*3) 10.27  
LIQ. WATER CONTENT (GM/M\*\*3) .270

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.444
7.0 - 9.0	.490
9.0 - 12.0	.098
12.0 - 16.0	.319
16.0 - 21.0	.098
21.0 - 28.0	.140
28.0 - 36.0	.235
36.0 - 47.0	.250
47.0 - 62.0	.044
62.0 - 82.0	.012
82.0 - 108.0	.002

FLIGHT NUMBER 006 370  
DATE 24 JAN 1972  
TIME 17 7 36  
COUNTER NUMBER 1669  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 124.8  
NUMBER DENSITY (NO/CM\*\*3) 28.71  
LIQ. WATER CONTENT (GM/M\*\*3) .204

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.693
7.0 - 9.0	2.725
9.0 - 12.0	1.876
12.0 - 16.0	.593
16.0 - 21.0	.463
21.0 - 28.0	.339
28.0 - 36.0	.083
36.0 - 47.0	.194
47.0 - 62.0	.037
62.0 - 82.0	.009
82.0 - 108.0	0.000

FLIGHT NUMBER 006 371  
DATE 24 JAN 1972  
TIME 17 7 37  
COUNTER NUMBER 1670  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 10.45  
LIQ. WATER CONTENT (GM/M\*\*3) .220

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.980
7.0 - 9.0	.637
9.0 - 12.0	.327
12.0 - 16.0	.348
16.0 - 21.0	.231
21.0 - 28.0	.025
28.0 - 36.0	.145
36.0 - 47.0	.166
47.0 - 62.0	.052
62.0 - 82.0	.009
82.0 - 108.0	.002

FLIGHT NUMBER 006 372  
DATE 24 JAN 1972  
TIME 17 7 38  
COUNTER NUMBER 1671  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
SAMPLED VOLUME (CM\*\*3) 102.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 13.53  
LIQ. WATER CONTENT (GM/M\*\*3) .042

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.549
7.0 - 9.0	1.270
9.0 - 12.0	.958
12.0 - 16.0	.559
16.0 - 21.0	.251
21.0 - 28.0	.227
28.0 - 36.0	.056
36.0 - 47.0	.019
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 373  
DATE 24 JAN 1972  
TIME 17 7 40  
COUNTER NUMBER 1672

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 247.1  
NUMBER DENSITY (NO/CM\*\*3) 14.84  
LIQ. WATER CONTENT (GM/M\*\*3) .070

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.196
7.0 - 9.0	1.618
9.0 - 12.0	.510
12.0 - 16.0	.593
16.0 - 21.0	.255
21.0 - 28.0	.322
28.0 - 36.0	.044
36.0 - 47.0	.027
47.0 - 62.0	.012
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 006 374  
DATE 24 JAN 1972  
TIME 17 7 41  
COUNTER NUMBER 1673

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .88  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.196
7.0 - 9.0	.029
9.0 - 12.0	0.000
12.0 - 16.0	.015
16.0 - 21.0	.035
21.0 - 28.0	0.000
28.0 - 36.0	.007
36.0 - 47.0	.021
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 375  
DATE 24 JAN 1972  
TIME 17 7 42  
COUNTER NUMBER 1674

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 6.65  
LIQ. WATER CONTENT (GM/M\*\*3) .152

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.889
7.0 - 9.0	.363
9.0 - 12.0	.118
12.0 - 16.0	.088
16.0 - 21.0	.122
21.0 - 28.0	.104
28.0 - 36.0	.069
36.0 - 47.0	.100
47.0 - 62.0	.048
62.0 - 82.0	.009
82.0 - 108.0	0.000

FLIGHT NUMBER 006 376  
DATE 24 JAN 1972  
TIME 17 7 43  
COUNTER NUMBER 1675

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 7.57  
LIQ. WATER CONTENT (GM/M\*\*3) .150

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.771
7.0 - 9.0	.363
9.0 - 12.0	.039
12.0 - 16.0	.275
16.0 - 21.0	.208
21.0 - 28.0	.104
28.0 - 36.0	.098
36.0 - 47.0	.116
47.0 - 62.0	.027
62.0 - 82.0	.012
82.0 - 108.0	0.000

FLIGHT NUMBER 006 377  
DATE 24 JAN 1972  
TIME 17 7 44  
COUNTER NUMBER 1676

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 100.0  
SAMPLE INTERVAL (M) 122.3  
NUMBER DENSITY (NO/CM\*\*3) 3.30  
LIQ. WATER CONTENT (GM/M\*\*3) .076

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.267
7.0 - 9.0	.215
9.0 - 12.0	.060
12.0 - 16.0	.022
16.0 - 21.0	.106
21.0 - 28.0	.040
28.0 - 36.0	.046
36.0 - 47.0	.051
47.0 - 62.0	.027
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 006 378  
DATE 24 JAN 1972  
TIME 17 7 46  
COUNTER NUMBER 1677

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 239.4  
NUMBER DENSITY (NO/CM\*\*3) 1.92  
LIQ. WATER CONTENT (GM/M\*\*3) .029

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.340
7.0 - 9.0	.031
9.0 - 12.0	.061
12.0 - 16.0	.031
16.0 - 21.0	.024
21.0 - 28.0	.026
28.0 - 36.0	.038
36.0 - 47.0	.028
47.0 - 62.0	.008
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 379  
DATE 24 JAN 1972  
TIME 17 7 47  
COUNTER NUMBER 1678

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 118.4  
NUMBER DENSITY (NO/CM\*\*3) 1.29  
LIQ. WATER CONTENT (GM/M\*\*3) .015

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.245
7.0 - 9.0	.092
9.0 - 12.0	.020
12.0 - 16.0	0.000
16.0 - 21.0	.024
21.0 - 28.0	.035
28.0 - 36.0	.008
36.0 - 47.0	.017
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 380  
DATE 24 JAN 1972  
TIME 17 7 48  
COUNTER NUMBER 1679

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 118.4  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 49.0  
SAMPLE INTERVAL (M) 118.4  
NUMBER DENSITY (NO/CM\*\*3) 2.55  
LIQ. WATER CONTENT (GM/M\*\*3) .048

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.245
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.107
16.0 - 21.0	.102
21.0 - 28.0	.017
28.0 - 36.0	.054
36.0 - 47.0	.052
47.0 - 62.0	.004
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 006 381  
DATE 24 JAN 1972  
TIME 17 7 49  
COUNTER NUMBER 1680

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 119.7  
NUMBER DENSITY (NO/CM\*\*3) 1.02  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.280
7.0 - 9.0	.150
9.0 - 12.0	.080
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 382  
DATE 24 JAN 1972  
TIME 17 7 50  
COUNTER NUMBER 1681

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 100.0  
SAMPLE INTERVAL (M) 121.0  
NUMBER DENSITY (NO/CM\*\*3) .40  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.167
7.0 - 9.0	.030
9.0 - 12.0	.020
12.0 - 16.0	0.000
16.0 - 21.0	.006
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 383  
DATE 24 JAN 1972  
TIME 17 7 52  
COUNTER NUMBER 1682

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 242.0  
NUMBER DENSITY (NO/CM\*\*3) .96  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.280
7.0 - 9.0	.120
9.0 - 12.0	.040
12.0 - 16.0	.015
16.0 - 21.0	.012
21.0 - 28.0	0.000
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 384  
DATE 24 JAN 1972  
TIME 17 7 53  
COUNTER NUMBER 1683

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 121.0  
NUMBER DENSITY (NO/CM\*\*3) 19.06  
LIQ. WATER CONTENT (GM/M\*\*3) .019

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.080
7.0 - 9.0	2.530
9.0 - 12.0	.767
12.0 - 16.0	.390
16.0 - 21.0	.060
21.0 - 28.0	.051
28.0 - 36.0	.030
36.0 - 47.0	.011
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 006 385  
DATE 24 JAN 1972  
TIME 17 7 54  
COUNTER NUMBER 1684

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 121.0  
NUMBER DENSITY (NO/CM\*\*3) 8.18  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.867
7.0 - 9.0	.810
9.0 - 12.0	.560
12.0 - 16.0	.355
16.0 - 21.0	.284
21.0 - 28.0	.106
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 386  
DATE 24 JAN 1972  
TIME 17 7 55  
COUNTER NUMBER 1685

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 121.0  
NUMBER DENSITY (NO/CM\*\*3) 23.60  
LIQ. WATER CONTENT (GM/M\*\*3) .039

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.200
7.0 - 9.0	2.430
9.0 - 12.0	1.307
12.0 - 16.0	1.140
16.0 - 21.0	.684
21.0 - 28.0	.274
28.0 - 36.0	.015
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 387  
DATE 24 JAN 1972  
TIME 17 7 56  
COUNTER NUMBER 1686

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 121.0  
NUMBER DENSITY (NO/CM\*\*3) 34.42  
LIQ. WATER CONTENT (GM/M\*\*3) .048

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.040
7.0 - 9.0	2.250
9.0 - 12.0	2.540
12.0 - 16.0	2.500
16.0 - 21.0	1.012
21.0 - 28.0	.151
28.0 - 36.0	.015
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 388  
DATE 24 JAN 1972  
TIME 17 7 57  
COUNTER NUMBER 1687

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 100.0  
SAMPLE INTERVAL (M) 121.0  
NUMBER DENSITY (NO/CM\*\*3) .37  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.207
7.0 - 9.0	.030
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 389  
DATE 24 JAN 1972  
TIME 17 7 59  
COUNTER NUMBER 1688

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 242.0  
NUMBER DENSITY (NO/CM\*\*3) .92  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.373
7.0 - 9.0	.090
9.0 - 12.0	0.000
12.0 - 16.0	.015
16.0 - 21.0	.012
21.0 - 28.0	0.000
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 390  
DATE 24 JAN 1972  
TIME 17 8 0  
COUNTER NUMBER 1689

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 122.3  
NUMBER DENSITY (NO/CM\*\*3) 5.02  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.255
7.0 - 9.0	.765
9.0 - 12.0	.242
12.0 - 16.0	.103
16.0 - 21.0	.024
21.0 - 28.0	.034
28.0 - 36.0	.015
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 391  
DATE 24 JAN 1972  
TIME 17 8 1  
COUNTER NUMBER 1690

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .59  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.078
7.0 - 9.0	.147
9.0 - 12.0	.020
12.0 - 16.0	0.000
16.0 - 21.0	.012
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 392  
DATE 24 JAN 1972  
TIME 17 8 2  
COUNTER NUMBER 1691

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 124.8  
NUMBER DENSITY (NO/CM\*\*3) 1.27  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.327
7.0 - 9.0	.245
9.0 - 12.0	.020
12.0 - 16.0	.044
16.0 - 21.0	.012
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 393  
DATE 24 JAN 1972  
TIME 17 8 3  
COUNTER NUMBER 1692

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 102.0  
SAMPLE INTERVAL (M) 126.1  
NUMBER DENSITY (NO/CM\*\*3) 9.29  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.183
7.0 - 9.0	1.314
9.0 - 12.0	.500
12.0 - 16.0	.069
16.0 - 21.0	0.000
21.0 - 28.0	.017
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 394  
DATE 24 JAN 1972  
TIME 17 8 5  
COUNTER NUMBER 1693

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 249.7  
NUMBER DENSITY (NO/CM\*\*3) 27.27  
LIQ. WATER CONTENT (GM/M\*\*3) .017

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.405
7.0 - 9.0	4.225
9.0 - 12.0	2.510
12.0 - 16.0	1.054
16.0 - 21.0	.071
21.0 - 28.0	.008
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 395  
DATE 24 JAN 1972  
TIME 17 8 6  
COUNTER NUMBER 1694

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 102.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 7.03  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.895
7.0 - 9.0	1.637
9.0 - 12.0	.245
12.0 - 16.0	.029
16.0 - 21.0	.012
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 396  
DATE 24 JAN 1972  
TIME 17 8 8  
COUNTER NUMBER 1695

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 247.1  
NUMBER DENSITY (NO/CM\*\*3) 1.08  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.327
7.0 - 9.0	.176
9.0 - 12.0	.020
12.0 - 16.0	.015
16.0 - 21.0	.024
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 397  
DATE 24 JAN 1972  
TIME 17 8 9  
COUNTER NUMBER 1696

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .71  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.275
7.0 - 9.0	.059
9.0 - 12.0	.020
12.0 - 16.0	.015
16.0 - 21.0	0.000
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 398  
DATE 24 JAN 1972  
TIME 17 8 10  
COUNTER NUMBER 1697

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 92.39  
LIQ. WATER CONTENT (GM/M\*\*3) .074

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.575
7.0 - 9.0	10.745
9.0 - 12.0	12.190
12.0 - 16.0	5.574
16.0 - 21.0	.365
21.0 - 28.0	.042
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 399  
DATE 24 JAN 1972  
TIME 17 8 11  
COUNTER NUMBER 1698

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 148.82  
LIQ. WATER CONTENT (GM/M\*\*3) .207

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	14.497
7.0 - 9.0	16.598
9.0 - 12.0	13.641
12.0 - 16.0	8.544
16.0 - 21.0	1.506
21.0 - 28.0	1.549
28.0 - 36.0	.029
36.0 - 47.0	.016
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 400  
DATE 24 JAN 1972  
TIME 17 8 12  
COUNTER NUMBER 1699

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 159.63  
LIQ. WATER CONTENT (GM/M\*\*3) .202

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.882
7.0 - 9.0	22.480
9.0 - 12.0	19.667
12.0 - 16.0	6.618
16.0 - 21.0	.992
21.0 - 28.0	.549
28.0 - 36.0	.051
36.0 - 47.0	.089
47.0 - 62.0	.008
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 006 401  
DATE 24 JAN 1972  
TIME 17 8 13  
COUNTER NUMBER 1700

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 68.10  
LIQ. WATER CONTENT (GM/M\*\*3) .844

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.059
7.0 - 9.0	3.578
9.0 - 12.0	3.059
12.0 - 16.0	2.696
16.0 - 21.0	2.071
21.0 - 28.0	1.249
28.0 - 36.0	.995
36.0 - 47.0	.645
47.0 - 62.0	.118
62.0 - 82.0	.006
82.0 - 108.0	.014

FLIGHT NUMBER 006 402  
DATE 24 JAN 1972  
TIME 17 8 15  
COUNTER NUMBER 1701

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 247.1  
NUMBER DENSITY (NO/CM\*\*3) 9.31  
LIQ. WATER CONTENT (GM/M\*\*3) .169

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.654
7.0 - 9.0	.304
9.0 - 12.0	.366
12.0 - 16.0	.260
16.0 - 21.0	.082
21.0 - 28.0	.252
28.0 - 36.0	.184
36.0 - 47.0	.121
47.0 - 62.0	.033
62.0 - 82.0	.003
82.0 - 108.0	.002

FLIGHT NUMBER 006 403  
DATE 24 JAN 1972  
TIME 17 8 16  
COUNTER NUMBER 1702

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 38.82  
LIQ. WATER CONTENT (GM/M\*\*3) .178

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.386
7.0 - 9.0	5.755
9.0 - 12.0	2.307
12.0 - 16.0	.873
16.0 - 21.0	.475
21.0 - 28.0	.174
28.0 - 36.0	.061
36.0 - 47.0	.077
47.0 - 62.0	.041
62.0 - 82.0	.015
82.0 - 108.0	0.000

FLIGHT NUMBER 006 404  
DATE 24 JAN 1972  
TIME 17 8 17  
COUNTER NUMBER 1703

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 13.67  
LIQ. WATER CONTENT (GM/M\*\*3) .207

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.928
7.0 - 9.0	.392
9.0 - 12.0	.771
12.0 - 16.0	.426
16.0 - 21.0	.255
21.0 - 28.0	.157
28.0 - 36.0	.235
36.0 - 47.0	.210
47.0 - 62.0	.060
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 405  
DATE 24 JAN 1972  
TIME 17 8 18  
COUNTER NUMBER 1704

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 102.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 12.57  
LIQ. WATER CONTENT (GM/M\*\*3) .083

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.895
7.0 - 9.0	1.176
9.0 - 12.0	.817
12.0 - 16.0	.466
16.0 - 21.0	.139
21.0 - 28.0	.060
28.0 - 36.0	.087
36.0 - 47.0	.083
47.0 - 62.0	.022
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 406  
DATE 24 JAN 1972  
TIME 17 8 20  
COUNTER NUMBER 1705

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 247.1  
NUMBER DENSITY (NO/CM\*\*3) 36.61  
LIQ. WATER CONTENT (GM/M\*\*3) .212

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.405
7.0 - 9.0	4.098
9.0 - 12.0	2.895
12.0 - 16.0	1.132
16.0 - 21.0	.490
21.0 - 28.0	.322
28.0 - 36.0	.174
36.0 - 47.0	.139
47.0 - 62.0	.056
62.0 - 82.0	.006
82.0 - 108.0	0.000

FLIGHT NUMBER 006 407  
DATE 24 JAN 1972  
TIME 17 8 21  
COUNTER NUMBER 1706

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 6.00  
LIQ. WATER CONTENT (GM/M\*\*3) .062

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.562
7.0 - 9.0	.245
9.0 - 12.0	.118
12.0 - 16.0	.196
16.0 - 21.0	.157
21.0 - 28.0	.095
28.0 - 36.0	.184
36.0 - 47.0	.045
47.0 - 62.0	.008
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 408  
DATE 24 JAN 1972  
TIME 17 8 22  
COUNTER NUMBER 1707

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 5.75  
LIQ. WATER CONTENT (GM/M\*\*3) .087

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.196
7.0 - 9.0	.392
9.0 - 12.0	.098
12.0 - 16.0	.088
16.0 - 21.0	.122
21.0 - 28.0	.104
28.0 - 36.0	.137
36.0 - 47.0	.139
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000



FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 8 23 COUNTER NUMBER 1708	409	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 8 25 COUNTER NUMBER 1709	410	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 8 26 COUNTER NUMBER 1710	411
AIRCRAFT ALTITUDE (KM) 1.2 AIRCRAFT VELOCITY (M/S) 123.6 AMBIENT TEMPERATURE (DEG K) 288.4		AIRCRAFT ALTITUDE (KM) 1.2 AIRCRAFT VELOCITY (M/S) 123.6 AMBIENT TEMPERATURE (DEG K) 288.4		AIRCRAFT ALTITUDE (KM) 1.2 AIRCRAFT VELOCITY (M/S) 123.6 AMBIENT TEMPERATURE (DEG K) 288.1	
SAMPLED VOLUME (CM**3) 102.0 SAMPLE INTERVAL (M) 123.6 NUMBER DENSITY (NO/CM**3) .69 LIQ. WATER CONTENT (GM/M**3) .005		SAMPLED VOLUME (CM**3) 51.0 SAMPLE INTERVAL (M) 247.1 NUMBER DENSITY (NO/CM**3) .06 LIQ. WATER CONTENT (GM/M**3) .000		SAMPLED VOLUME (CM**3) 51.0 SAMPLE INTERVAL (M) 123.6 NUMBER DENSITY (NO/CM**3) .24 LIQ. WATER CONTENT (GM/M**3) .000	
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 .020 7.0 - 9.0 .088 9.0 - 12.0 .010 12.0 - 16.0 0.000 16.0 - 21.0 0.000 21.0 - 28.0 .035 28.0 - 36.0 .026 36.0 - 47.0 0.000 47.0 - 62.0 0.000 62.0 - 82.0 0.000 82.0 - 108.0 0.000		5.5 - 7.0 0.000 7.0 - 9.0 0.000 9.0 - 12.0 .020 12.0 - 16.0 0.000 16.0 - 21.0 0.000 21.0 - 28.0 0.000 28.0 - 36.0 0.000 36.0 - 47.0 0.000 47.0 - 62.0 0.000 62.0 - 82.0 0.000 82.0 - 108.0 0.000		5.5 - 7.0 .157 7.0 - 9.0 0.000 9.0 - 12.0 0.000 12.0 - 16.0 0.000 16.0 - 21.0 0.000 21.0 - 28.0 0.000 28.0 - 36.0 0.000 36.0 - 47.0 0.000 47.0 - 62.0 0.000 62.0 - 82.0 0.000 82.0 - 108.0 0.000	
FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 8 27 COUNTER NUMBER 1711	412	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 8 28 COUNTER NUMBER 1712	413	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 8 29 COUNTER NUMBER 1713	414
AIRCRAFT ALTITUDE (KM) 1.2 AIRCRAFT VELOCITY (M/S) 123.6 AMBIENT TEMPERATURE (DEG K) 288.1		AIRCRAFT ALTITUDE (KM) 1.2 AIRCRAFT VELOCITY (M/S) 123.6 AMBIENT TEMPERATURE (DEG K) 288.4		AIRCRAFT ALTITUDE (KM) 1.2 AIRCRAFT VELOCITY (M/S) 123.6 AMBIENT TEMPERATURE (DEG K) 288.4	
SAMPLED VOLUME (CM**3) 51.0 SAMPLE INTERVAL (M) 123.6 NUMBER DENSITY (NO/CM**3) .35 LIQ. WATER CONTENT (GM/M**3) .000		SAMPLED VOLUME (CM**3) 51.0 SAMPLE INTERVAL (M) 123.6 NUMBER DENSITY (NO/CM**3) .29 LIQ. WATER CONTENT (GM/M**3) .000		SAMPLED VOLUME (CM**3) 102.0 SAMPLE INTERVAL (M) 123.6 NUMBER DENSITY (NO/CM**3) .24 LIQ. WATER CONTENT (GM/M**3) .000	
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 .157 7.0 - 9.0 .029 9.0 - 12.0 0.000 12.0 - 16.0 0.000 16.0 - 21.0 .012 21.0 - 28.0 0.000 28.0 - 36.0 0.000 36.0 - 47.0 0.000 47.0 - 62.0 0.000 62.0 - 82.0 0.000 82.0 - 108.0 0.000		5.5 - 7.0 .196 7.0 - 9.0 0.000 9.0 - 12.0 0.000 12.0 - 16.0 0.000 16.0 - 21.0 0.000 21.0 - 28.0 0.000 28.0 - 36.0 0.000 36.0 - 47.0 0.000 47.0 - 62.0 0.000 62.0 - 82.0 0.000 82.0 - 108.0 0.000		5.5 - 7.0 .098 7.0 - 9.0 0.000 9.0 - 12.0 .020 12.0 - 16.0 0.000 16.0 - 21.0 0.000 21.0 - 28.0 0.000 28.0 - 36.0 0.000 36.0 - 47.0 0.000 47.0 - 62.0 0.000 62.0 - 82.0 0.000 82.0 - 108.0 0.000	
FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 8 31 COUNTER NUMBER 1714	415	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 8 32 COUNTER NUMBER 1715	416	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 8 33 COUNTER NUMBER 1716	417
AIRCRAFT ALTITUDE (KM) 1.2 AIRCRAFT VELOCITY (M/S) 123.6 AMBIENT TEMPERATURE (DEG K) 288.1		AIRCRAFT ALTITUDE (KM) 1.2 AIRCRAFT VELOCITY (M/S) 123.6 AMBIENT TEMPERATURE (DEG K) 288.1		AIRCRAFT ALTITUDE (KM) 1.2 AIRCRAFT VELOCITY (M/S) 123.6 AMBIENT TEMPERATURE (DEG K) 288.0	
SAMPLED VOLUME (CM**3) 51.0 SAMPLE INTERVAL (M) 247.1 NUMBER DENSITY (NO/CM**3) 67.16 LIQ. WATER CONTENT (GM/M**3) .192		SAMPLED VOLUME (CM**3) 51.0 SAMPLE INTERVAL (M) 123.6 NUMBER DENSITY (NO/CM**3) 144.71 LIQ. WATER CONTENT (GM/M**3) .423		SAMPLED VOLUME (CM**3) 51.0 SAMPLE INTERVAL (M) 123.6 NUMBER DENSITY (NO/CM**3) .41 LIQ. WATER CONTENT (GM/M**3) .007	
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 2.771 7.0 - 9.0 5.569 9.0 - 12.0 2.797 12.0 - 16.0 3.078 16.0 - 21.0 3.541 21.0 - 28.0 1.871 28.0 - 36.0 .037 36.0 - 47.0 .005 47.0 - 62.0 0.000 62.0 - 82.0 0.000 82.0 - 108.0 0.000		5.5 - 7.0 7.712 7.0 - 9.0 7.804 9.0 - 12.0 7.595 12.0 - 16.0 6.230 16.0 - 21.0 8.000 21.0 - 28.0 4.157 28.0 - 36.0 .083 36.0 - 47.0 .005 47.0 - 62.0 0.000 62.0 - 82.0 0.000 82.0 - 108.0 0.000		5.5 - 7.0 .078 7.0 - 9.0 .029 9.0 - 12.0 .020 12.0 - 16.0 0.000 16.0 - 21.0 0.000 21.0 - 28.0 0.000 28.0 - 36.0 .015 36.0 - 47.0 0.000 47.0 - 62.0 .004 62.0 - 82.0 0.000 82.0 - 108.0 0.000	
FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 8 34 COUNTER NUMBER 1717	418	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 8 35 COUNTER NUMBER 1718	419	FLIGHT NUMBER 006 DATE 24 JAN 1972 TIME 17 8 37 COUNTER NUMBER 1719	420
AIRCRAFT ALTITUDE (KM) 1.2 AIRCRAFT VELOCITY (M/S) 121.0 AMBIENT TEMPERATURE (DEG K) 288.0		AIRCRAFT ALTITUDE (KM) 1.2 AIRCRAFT VELOCITY (M/S) 123.6 AMBIENT TEMPERATURE (DEG K) 288.0		AIRCRAFT ALTITUDE (KM) 1.2 AIRCRAFT VELOCITY (M/S) 123.6 AMBIENT TEMPERATURE (DEG K) 287.9	
SAMPLED VOLUME (CM**3) 50.0 SAMPLE INTERVAL (M) 122.3 NUMBER DENSITY (NO/CM**3) 104.48 LIQ. WATER CONTENT (GM/M**3) .221		SAMPLED VOLUME (CM**3) 102.0 SAMPLE INTERVAL (M) 122.3 NUMBER DENSITY (NO/CM**3) 21.73 LIQ. WATER CONTENT (GM/M**3) .049		SAMPLED VOLUME (CM**3) 51.0 SAMPLE INTERVAL (M) 247.1 NUMBER DENSITY (NO/CM**3) 1.35 LIQ. WATER CONTENT (GM/M**3) .015	
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 6.787 7.0 - 9.0 7.210 9.0 - 12.0 7.207 12.0 - 16.0 6.280 16.0 - 21.0 4.536 21.0 - 28.0 1.400 28.0 - 36.0 .052 36.0 - 47.0 .022 47.0 - 62.0 0.000 62.0 - 82.0 0.000 82.0 - 108.0 0.000		5.5 - 7.0 2.124 7.0 - 9.0 1.868 9.0 - 12.0 1.275 12.0 - 16.0 .926 16.0 - 21.0 .825 21.0 - 28.0 .433 28.0 - 36.0 .011 36.0 - 47.0 .003 47.0 - 62.0 0.000 62.0 - 82.0 0.000 82.0 - 108.0 0.000		5.5 - 7.0 .196 7.0 - 9.0 .147 9.0 - 12.0 .020 12.0 - 16.0 .015 16.0 - 21.0 0.000 21.0 - 28.0 .025 28.0 - 36.0 .044 36.0 - 47.0 .005 47.0 - 62.0 .004 62.0 - 82.0 0.000 82.0 - 108.0 0.000	

FLIGHT NUMBER 006 421  
DATE 24 JAN 1972  
TIME 17 8 38  
COUNTER NUMBER 1720

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.0  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 34.96  
LIQ. WATER CONTENT (GM/M\*\*3) .120

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.791
7.0 - 9.0	1.833
9.0 - 12.0	1.118
12.0 - 16.0	1.363
16.0 - 21.0	2.325
21.0 - 28.0	1.109
28.0 - 36.0	.022
36.0 - 47.0	.021
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 422  
DATE 24 JAN 1972  
TIME 17 8 39  
COUNTER NUMBER 1721

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 287.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 18.92  
LIQ. WATER CONTENT (GM/M\*\*3) .053

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.386
7.0 - 9.0	1.529
9.0 - 12.0	.569
12.0 - 16.0	.887
16.0 - 21.0	1.161
21.0 - 28.0	.331
28.0 - 36.0	.037
36.0 - 47.0	.011
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 423  
DATE 24 JAN 1972  
TIME 17 8 40  
COUNTER NUMBER 1722

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 287.8  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 176.94  
LIQ. WATER CONTENT (GM/M\*\*3) .520

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	12.209
7.0 - 9.0	13.078
9.0 - 12.0	5.268
12.0 - 16.0	7.059
16.0 - 21.0	10.659
21.0 - 28.0	4.891
28.0 - 36.0	.051
36.0 - 47.0	.045
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 424  
DATE 24 JAN 1972  
TIME 17 8 41  
COUNTER NUMBER 1723

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 287.9  
  
SAMPLED VOLUME (CM\*\*3) 102.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 83.80  
LIQ. WATER CONTENT (GM/M\*\*3) .263

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.529
7.0 - 9.0	4.255
9.0 - 12.0	3.408
12.0 - 16.0	4.525
16.0 - 21.0	4.396
21.0 - 28.0	2.748
28.0 - 36.0	.049
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 425  
DATE 24 JAN 1972  
TIME 17 8 43  
COUNTER NUMBER 1724

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 287.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 247.1  
NUMBER DENSITY (NO/CM\*\*3) 179.65  
LIQ. WATER CONTENT (GM/M\*\*3) .626

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.654
7.0 - 9.0	8.294
9.0 - 12.0	4.856
12.0 - 16.0	8.118
16.0 - 21.0	11.788
21.0 - 28.0	6.591
28.0 - 36.0	.098
36.0 - 47.0	.016
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 426  
DATE 24 JAN 1972  
TIME 17 8 44  
COUNTER NUMBER 1725

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 287.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 61.84  
LIQ. WATER CONTENT (GM/M\*\*3) .144

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.693
7.0 - 9.0	5.510
9.0 - 12.0	3.288
12.0 - 16.0	3.064
16.0 - 21.0	2.745
21.0 - 28.0	1.067
28.0 - 36.0	.037
36.0 - 47.0	.011
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 427  
DATE 24 JAN 1972  
TIME 17 8 45  
COUNTER NUMBER 1726

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.0  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 44.90  
LIQ. WATER CONTENT (GM/M\*\*3) .100

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.346
7.0 - 9.0	3.392
9.0 - 12.0	2.078
12.0 - 16.0	2.632
16.0 - 21.0	2.376
21.0 - 28.0	.594
28.0 - 36.0	.022
36.0 - 47.0	.011
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 428  
DATE 24 JAN 1972  
TIME 17 8 46  
COUNTER NUMBER 1727

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 287.8  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 62.29  
LIQ. WATER CONTENT (GM/M\*\*3) .126

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.654
7.0 - 9.0	4.255
9.0 - 12.0	3.268
12.0 - 16.0	4.412
16.0 - 21.0	2.596
21.0 - 28.0	.910
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 429  
DATE 24 JAN 1972  
TIME 17 8 47  
COUNTER NUMBER 1728

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.1  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 87.37  
LIQ. WATER CONTENT (GM/M\*\*3) .142

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.712
7.0 - 9.0	9.922
9.0 - 12.0	6.797
12.0 - 16.0	4.564
16.0 - 21.0	2.157
21.0 - 28.0	.866
28.0 - 36.0	.044
36.0 - 47.0	.005
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 430  
DATE 24 JAN 1972  
TIME 17 8 48  
COUNTER NUMBER 1729

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.2  
  
SAMPLED VOLUME (CM\*\*3) 102.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 37.49  
LIQ. WATER CONTENT (GM/M\*\*3) .054

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.307
7.0 - 9.0	4.333
9.0 - 12.0	2.879
12.0 - 16.0	1.377
16.0 - 21.0	.825
21.0 - 28.0	.332
28.0 - 36.0	.026
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 431  
DATE 24 JAN 1972  
TIME 17 8 50  
COUNTER NUMBER 1730

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 288.2  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 249.7  
NUMBER DENSITY (NO/CM\*\*3) 14.22  
LIQ. WATER CONTENT (GM/M\*\*3) .025

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.614
7.0 - 9.0	1.402
9.0 - 12.0	.712
12.0 - 16.0	.426
16.0 - 21.0	.463
21.0 - 28.0	.182
28.0 - 36.0	0.000
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 432  
DATE 24 JAN 1972  
TIME 17 8 51  
COUNTER NUMBER 1731

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.2  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 124.8  
NUMBER DENSITY (NO/CM\*\*3) 3.27  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.771
7.0 - 9.0	.363
9.0 - 12.0	.020
12.0 - 16.0	.167
16.0 - 21.0	.110
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 006 433  
DATE 24 JAN 1972  
TIME 17 8 52  
COUNTER NUMBER 1732

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.2  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .88  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.235
7.0 - 9.0	.088
9.0 - 12.0	.039
12.0 - 16.0	.044
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 434  
DATE 24 JAN 1972  
TIME 17 8 55  
COUNTER NUMBER 1734

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.2  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 370.7  
NUMBER DENSITY (NO/CM\*\*3) .41  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.157
7.0 - 9.0	.059
9.0 - 12.0	.020
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 435  
DATE 24 JAN 1972  
TIME 17 8 56  
COUNTER NUMBER 1735

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.2  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.078
7.0 - 9.0	.029
9.0 - 12.0	.020
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 436  
DATE 24 JAN 1972  
TIME 17 8 57  
COUNTER NUMBER 1736

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.4  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .41  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.157
7.0 - 9.0	.029
9.0 - 12.0	.039
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 437  
DATE 24 JAN 1972  
TIME 17 8 58  
COUNTER NUMBER 1737

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.0  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .35  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.078
7.0 - 9.0	.088
9.0 - 12.0	.020
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 438  
DATE 24 JAN 1972  
TIME 17 8 59  
COUNTER NUMBER 1738

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 288.1  
  
SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 122.3  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.080
7.0 - 9.0	.030
9.0 - 12.0	.020
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 439  
DATE 24 JAN 1972  
TIME 17 9 1  
COUNTER NUMBER 1739

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.0  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 244.5  
NUMBER DENSITY (NO/CM\*\*3) .41  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.196
7.0 - 9.0	.029
9.0 - 12.0	.020
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 440  
DATE 24 JAN 1972  
TIME 17 9 2  
COUNTER NUMBER 1740

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.0  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.078
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	.011
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 441  
DATE 24 JAN 1972  
TIME 17 9 3  
COUNTER NUMBER 1741

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.0  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .53  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.118
7.0 - 9.0	0.000
9.0 - 12.0	.059
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.008
28.0 - 36.0	.007
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 442  
DATE 24 JAN 1972  
TIME 17 9 4  
COUNTER NUMBER 1742

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.0  
  
SAMPLED VOLUME (CM\*\*3) 102.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .35  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.020
7.0 - 9.0	.044
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.004
28.0 - 36.0	.007
36.0 - 47.0	.013
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 443  
DATE 24 JAN 1972  
TIME 17 9 6  
COUNTER NUMBER 1743

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.0  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 247.1  
NUMBER DENSITY (NO/CM\*\*3) .59  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.235
7.0 - 9.0	0.000
9.0 - 12.0	.020
12.0 - 16.0	0.000
16.0 - 21.0	.012
21.0 - 28.0	0.000
28.0 - 36.0	.007
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 444  
DATE 24 JAN 1972  
TIME 17 9 7  
COUNTER NUMBER 1744

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 287.9  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .47  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.059
9.0 - 12.0	.020
12.0 - 16.0	0.000
16.0 - 21.0	.012
21.0 - 28.0	.008
28.0 - 36.0	.007
36.0 - 47.0	.011
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 445  
DATE 24 JAN 1972  
TIME 17 9 8  
COUNTER NUMBER 1745  
  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.0  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .41  
LIQ. WATER CONTENT (GM/M\*\*3) .008  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.039
7.0 - 9.0	.029
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.008
28.0 - 36.0	.007
36.0 - 47.0	.016
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 446  
DATE 24 JAN 1972  
TIME 17 9 9  
COUNTER NUMBER 1746  
  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 287.8  
  
SAMPLED VOLUME (CM\*\*3) 102.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .03  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.006
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 447  
DATE 24 JAN 1972  
TIME 17 9 11  
COUNTER NUMBER 1747  
  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.6  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 247.1  
NUMBER DENSITY (NO/CM\*\*3) .18  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.118
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 448  
DATE 24 JAN 1972  
TIME 17 9 12  
COUNTER NUMBER 1748  
  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.4  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .18  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.118
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 449  
DATE 24 JAN 1972  
TIME 17 9 13  
COUNTER NUMBER 1749  
  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.1  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .41  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.078
7.0 - 9.0	.118
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.012
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 450  
DATE 24 JAN 1972  
TIME 17 9 14  
COUNTER NUMBER 1750  
  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.0  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .59  
LIQ. WATER CONTENT (GM/M\*\*3) .005  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.039
7.0 - 9.0	.029
9.0 - 12.0	.020
12.0 - 16.0	.015
16.0 - 21.0	.012
21.0 - 28.0	.025
28.0 - 36.0	.007
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 451  
DATE 24 JAN 1972  
TIME 17 9 15  
COUNTER NUMBER 1751  
  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.0  
  
SAMPLED VOLUME (CM\*\*3) 102.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .15  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.059
7.0 - 9.0	.015
9.0 - 12.0	.010
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 452  
DATE 24 JAN 1972  
TIME 17 9 17  
COUNTER NUMBER 1752  
  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 287.9  
  
SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 244.5  
NUMBER DENSITY (NO/CM\*\*3) .36  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.120
7.0 - 9.0	.090
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 453  
DATE 24 JAN 1972  
TIME 17 9 18  
COUNTER NUMBER 1753  
  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.0  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 122.3  
NUMBER DENSITY (NO/CM\*\*3) .53  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.196
7.0 - 9.0	.059
9.0 - 12.0	0.000
12.0 - 16.0	.029
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 454  
DATE 24 JAN 1972  
TIME 17 9 19  
COUNTER NUMBER 1754  
  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.0  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .41  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.235
7.0 - 9.0	.029
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 455  
DATE 24 JAN 1972  
TIME 17 9 20  
COUNTER NUMBER 1755  
  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.0  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .41  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.078
7.0 - 9.0	.029
9.0 - 12.0	.059
12.0 - 16.0	.015
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 456  
DATE 24 JAN 1972  
TIME 17 9 21  
COUNTER NUMBER 1756  
  
AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.0  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .12  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.020
7.0 - 9.0	.029
9.0 - 12.0	0.000
12.0 - 16.0	.007
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 457  
DATE 24 JAN 1972  
TIME 17 9 23  
COUNTER NUMBER 1757

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.1  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 247.1  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.118
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.015
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 458  
DATE 24 JAN 1972  
TIME 17 9 24  
COUNTER NUMBER 1758

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.1  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.078
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 459  
DATE 24 JAN 1972  
TIME 17 9 25  
COUNTER NUMBER 1759

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.1  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) .71  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	.059
12.0 - 16.0	.044
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	.037
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 460  
DATE 24 JAN 1972  
TIME 17 9 26  
COUNTER NUMBER 1760

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.2  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 123.6  
NUMBER DENSITY (NO/CM\*\*3) 1.41  
LIQ. WATER CONTENT (GM/M\*\*3) .016

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.078
7.0 - 9.0	.118
9.0 - 12.0	.020
12.0 - 16.0	.015
16.0 - 21.0	.071
21.0 - 28.0	.008
28.0 - 36.0	.029
36.0 - 47.0	.027
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 461  
DATE 24 JAN 1972  
TIME 17 9 55  
COUNTER NUMBER 1761

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 136.4  
AMBIENT TEMPERATURE (DEG K) 285.8  
SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 3769.6  
NUMBER DENSITY (NO/CM\*\*3) 75.76  
LIQ. WATER CONTENT (GM/M\*\*3) .073

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.432
7.0 - 9.0	10.444
9.0 - 12.0	7.809
12.0 - 16.0	4.093
16.0 - 21.0	.833
21.0 - 28.0	.148
28.0 - 36.0	.021
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 462  
DATE 24 JAN 1972  
TIME 17 9 56  
COUNTER NUMBER 1762

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 136.4  
AMBIENT TEMPERATURE (DEG K) 285.8  
SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 136.4  
NUMBER DENSITY (NO/CM\*\*3) 4.76  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.383
7.0 - 9.0	.630
9.0 - 12.0	.346
12.0 - 16.0	.069
16.0 - 21.0	.022
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 463  
DATE 24 JAN 1972  
TIME 17 9 57  
COUNTER NUMBER 1763

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 136.4  
AMBIENT TEMPERATURE (DEG K) 285.8  
SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 136.4  
NUMBER DENSITY (NO/CM\*\*3) .80  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.309
7.0 - 9.0	.083
9.0 - 12.0	.019
12.0 - 16.0	.028
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 464  
DATE 24 JAN 1972  
TIME 17 9 58  
COUNTER NUMBER 1764

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 136.4  
AMBIENT TEMPERATURE (DEG K) 285.9  
SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 136.4  
NUMBER DENSITY (NO/CM\*\*3) .44  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.074
7.0 - 9.0	.111
9.0 - 12.0	.019
12.0 - 16.0	.014
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 465  
DATE 24 JAN 1972  
TIME 17 9 59  
COUNTER NUMBER 1765

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 136.4  
AMBIENT TEMPERATURE (DEG K) 285.9  
SAMPLED VOLUME (CM\*\*3) 108.0  
SAMPLE INTERVAL (M) 136.4  
NUMBER DENSITY (NO/CM\*\*3) .14  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.093
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 466  
DATE 24 JAN 1972  
TIME 17 10 1  
COUNTER NUMBER 1766

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 136.4  
AMBIENT TEMPERATURE (DEG K) 285.9  
SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 272.8  
NUMBER DENSITY (NO/CM\*\*3) 35.02  
LIQ. WATER CONTENT (GM/M\*\*3) .013

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.444
7.0 - 9.0	6.620
9.0 - 12.0	3.216
12.0 - 16.0	.199
16.0 - 21.0	.033
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 467  
DATE 24 JAN 1972  
TIME 17 10 2  
COUNTER NUMBER 1767

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 136.4  
AMBIENT TEMPERATURE (DEG K) 285.9  
SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 136.4  
NUMBER DENSITY (NO/CM\*\*3) .85  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.346
7.0 - 9.0	.056
9.0 - 12.0	.056
12.0 - 16.0	.014
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 468  
DATE 24 JAN 1972  
TIME 17 10 3  
COUNTER NUMBER 1768

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 286.0  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 137.7  
NUMBER DENSITY (NO/CM\*\*3) .11  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.036
7.0 - 9.0	.027
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 006 469  
DATE 24 JAN 1972  
TIME 17 10 4  
COUNTER NUMBER 1769

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 286.0  
  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) .33  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.145
7.0 - 9.0	.027
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 470  
DATE 24 JAN 1972  
TIME 17 10 5  
COUNTER NUMBER 1770

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 286.0  
  
SAMPLED VOLUME (CM\*\*3) 110.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) .19  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.036
7.0 - 9.0	.041
9.0 - 12.0	.009
12.0 - 16.0	.007
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 471  
DATE 24 JAN 1972  
TIME 17 10 7  
COUNTER NUMBER 1771

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 286.0  
  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 278.0  
NUMBER DENSITY (NO/CM\*\*3) 39.38  
LIQ. WATER CONTENT (GM/M\*\*3) .054

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.461
7.0 - 9.0	3.518
9.0 - 12.0	2.764
12.0 - 16.0	3.023
16.0 - 21.0	1.600
21.0 - 28.0	.039
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 472  
DATE 24 JAN 1972  
TIME 17 10 8  
COUNTER NUMBER 1772

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 286.0  
  
SAMPLED VOLUME (CM\*\*3) 110.0  
SAMPLE INTERVAL (M) 139.0  
NUMBER DENSITY (NO/CM\*\*3) 14.75  
LIQ. WATER CONTENT (GM/M\*\*3) .021

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.079
7.0 - 9.0	.709
9.0 - 12.0	1.267
12.0 - 16.0	1.250
16.0 - 21.0	.545
21.0 - 28.0	.027
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 473  
DATE 24 JAN 1972  
TIME 17 10 10  
COUNTER NUMBER 1773

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 286.0  
  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 278.0  
NUMBER DENSITY (NO/CM\*\*3) 38.13  
LIQ. WATER CONTENT (GM/M\*\*3) .024

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.370
7.0 - 9.0	5.964
9.0 - 12.0	4.315
12.0 - 16.0	.991
16.0 - 21.0	.225
21.0 - 28.0	.016
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 474  
DATE 24 JAN 1972  
TIME 17 10 11  
COUNTER NUMBER 1774

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 286.0  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 140.3  
NUMBER DENSITY (NO/CM\*\*3) 22.07  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.357
7.0 - 9.0	4.991
9.0 - 12.0	1.131
12.0 - 16.0	.125
16.0 - 21.0	.021
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 475  
DATE 24 JAN 1972  
TIME 17 10 12  
COUNTER NUMBER 1775

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 286.0  
  
SAMPLED VOLUME (CM\*\*3) 112.0  
SAMPLE INTERVAL (M) 141.6  
NUMBER DENSITY (NO/CM\*\*3) .08  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.036
7.0 - 9.0	.013
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 476  
DATE 24 JAN 1972  
TIME 17 10 14  
COUNTER NUMBER 1777

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 144.1  
AMBIENT TEMPERATURE (DEG K) 285.9  
  
SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 285.7  
NUMBER DENSITY (NO/CM\*\*3) .58  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.246
7.0 - 9.0	0.000
9.0 - 12.0	.053
12.0 - 16.0	.013
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 477  
DATE 24 JAN 1972  
TIME 17 10 15  
COUNTER NUMBER 1778

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 144.1  
AMBIENT TEMPERATURE (DEG K) 286.0  
  
SAMPLED VOLUME (CM\*\*3) 114.0  
SAMPLE INTERVAL (M) 144.1  
NUMBER DENSITY (NO/CM\*\*3) .08  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.018
7.0 - 9.0	0.000
9.0 - 12.0	.018
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 478  
DATE 24 JAN 1972  
TIME 17 10 17  
COUNTER NUMBER 1779

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 144.1  
AMBIENT TEMPERATURE (DEG K) 286.0  
  
SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 288.3  
NUMBER DENSITY (NO/CM\*\*3) .26  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.035
7.0 - 9.0	.053
9.0 - 12.0	.018
12.0 - 16.0	.013
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 479  
DATE 24 JAN 1972  
TIME 17 10 18  
COUNTER NUMBER 1780

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 144.1  
AMBIENT TEMPERATURE (DEG K) 285.6  
  
SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 144.1  
NUMBER DENSITY (NO/CM\*\*3) .21  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.105
7.0 - 9.0	0.000
9.0 - 12.0	.018
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 480  
DATE 24 JAN 1972  
TIME 17 10 19  
COUNTER NUMBER 1781

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 144.1  
AMBIENT TEMPERATURE (DEG K) 286.0  
  
SAMPLED VOLUME (CM\*\*3) 114.0  
SAMPLE INTERVAL (M) 144.1  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.070
7.0 - 9.0	.026
9.0 - 12.0	.018
12.0 - 16.0	.007
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 481  
DATE 24 JAN 1972  
TIME 17 10 21  
COUNTER NUMBER 1782

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 146.7  
AMBIENT TEMPERATURE (DEG K) 285.8  
  
SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 290.9  
NUMBER DENSITY (NO/CM\*\*3) 1.82  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.725
7.0 - 9.0	.184
9.0 - 12.0	.105
12.0 - 16.0	.013
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 482  
DATE 24 JAN 1972  
TIME 17 10 22  
COUNTER NUMBER 1783

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 146.7  
AMBIENT TEMPERATURE (DEG K) 285.8  
  
SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 146.7  
NUMBER DENSITY (NO/CM\*\*3) 43.72  
LIQ. WATER CONTENT (GM/M\*\*3) .022

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.193
7.0 - 9.0	7.702
9.0 - 12.0	4.731
12.0 - 16.0	.781
16.0 - 21.0	.021
21.0 - 28.0	.008
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 483  
DATE 24 JAN 1972  
TIME 17 10 23  
COUNTER NUMBER 1784

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 146.7  
AMBIENT TEMPERATURE (DEG K) 285.7  
  
SAMPLED VOLUME (CM\*\*3) 114.0  
SAMPLE INTERVAL (M) 146.7  
NUMBER DENSITY (NO/CM\*\*3) 17.62  
LIQ. WATER CONTENT (GM/M\*\*3) .017

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.064
7.0 - 9.0	1.627
9.0 - 12.0	1.579
12.0 - 16.0	1.342
16.0 - 21.0	.196
21.0 - 28.0	.019
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 484  
DATE 24 JAN 1972  
TIME 17 10 25  
COUNTER NUMBER 1785

AIRCRAFT ALTITUDE (KM) 1.6  
AIRCRAFT VELOCITY (M/S) 146.7  
AMBIENT TEMPERATURE (DEG K) 285.6  
  
SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 293.4  
NUMBER DENSITY (NO/CM\*\*3) 44.79  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.719
7.0 - 9.0	6.193
9.0 - 12.0	3.889
12.0 - 16.0	2.452
16.0 - 21.0	.776
21.0 - 28.0	.053
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 485  
DATE 24 JAN 1972  
TIME 17 10 26  
COUNTER NUMBER 1786

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 285.6  
  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 148.0  
NUMBER DENSITY (NO/CM\*\*3) .74  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.356
7.0 - 9.0	.078
9.0 - 12.0	.017
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 486  
DATE 24 JAN 1972  
TIME 17 10 27  
COUNTER NUMBER 1787

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 285.6  
  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 149.3  
NUMBER DENSITY (NO/CM\*\*3) .36  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.172
7.0 - 9.0	.052
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 487  
DATE 24 JAN 1972  
TIME 17 10 28  
COUNTER NUMBER 1788

AIRCRAFT ALTITUDE (KM) 1.8  
AIRCRAFT VELOCITY (M/S) 151.4  
AMBIENT TEMPERATURE (DEG K) 285.6  
  
SAMPLED VOLUME (CM\*\*3) 59.0  
SAMPLE INTERVAL (M) 150.6  
NUMBER DENSITY (NO/CM\*\*3) .46  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.169
7.0 - 9.0	.025
9.0 - 12.0	.034
12.0 - 16.0	0.000
16.0 - 21.0	.010
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 0  
DATE 0 JAN 1972  
TIME 0 0 0  
COUNTER NUMBER 0

AIRCRAFT ALTITUDE (KM) 0.0  
AIRCRAFT VELOCITY (M/S) 0.0  
AMBIENT TEMPERATURE (DEG K) 0.0  
  
SAMPLED VOLUME (CM\*\*3) 0.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 0.00  
LIQ. WATER CONTENT (GM/M\*\*3) 0.000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 006 0  
DATE 0 JAN 1972  
TIME 0 0 0  
COUNTER NUMBER 0

AIRCRAFT ALTITUDE (KM) 0.0  
AIRCRAFT VELOCITY (M/S) 0.0  
AMBIENT TEMPERATURE (DEG K) 0.0  
  
SAMPLED VOLUME (CM\*\*3) 0.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 0.00  
LIQ. WATER CONTENT (GM/M\*\*3) 0.000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT 7



FLIGHT NUMBER 007 1  
DATE 25 JAN 1972  
TIME 14 26 5  
COUNTER NUMBER 1878

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 136.4  
AMBIENT TEMPERATURE (DEG K) 289.2

SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.037
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 2  
DATE 25 JAN 1972  
TIME 14 26 10  
COUNTER NUMBER 1882

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 133.8  
AMBIENT TEMPERATURE (DEG K) 288.9

SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 675.7  
NUMBER DENSITY (NO/CM\*\*3) 12.63  
LIQ. WATER CONTENT (GM/M\*\*3) .051

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.654
7.0 - 9.0	1.065
9.0 - 12.0	.383
12.0 - 16.0	.519
16.0 - 21.0	.496
21.0 - 28.0	.405
28.0 - 36.0	.123
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 3  
DATE 25 JAN 1972  
TIME 14 26 15  
COUNTER NUMBER 1886

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 288.6

SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 688.5  
NUMBER DENSITY (NO/CM\*\*3) 9.18  
LIQ. WATER CONTENT (GM/M\*\*3) .042

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.964
7.0 - 9.0	.670
9.0 - 12.0	.149
12.0 - 16.0	.460
16.0 - 21.0	.289
21.0 - 28.0	.263
28.0 - 36.0	.083
36.0 - 47.0	.010
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 4  
DATE 25 JAN 1972  
TIME 14 26 20  
COUNTER NUMBER 1890

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 288.4

SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 707.8  
NUMBER DENSITY (NO/CM\*\*3) .16  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.036
7.0 - 9.0	.054
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 5  
DATE 25 JAN 1972  
TIME 14 26 25  
COUNTER NUMBER 1894

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 288.4

SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 707.8  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.027
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 6  
DATE 25 JAN 1972  
TIME 14 26 30  
COUNTER NUMBER 1898

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 288.2

SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 707.8  
NUMBER DENSITY (NO/CM\*\*3) 21.48  
LIQ. WATER CONTENT (GM/M\*\*3) .094

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.155
7.0 - 9.0	1.866
9.0 - 12.0	.667
12.0 - 16.0	.737
16.0 - 21.0	.625
21.0 - 28.0	.582
28.0 - 36.0	.263
36.0 - 47.0	.024
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 7  
DATE 25 JAN 1972  
TIME 15 30 25  
COUNTER NUMBER 1903

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 274.4

SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 35.80  
LIQ. WATER CONTENT (GM/M\*\*3) .069

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.444
7.0 - 9.0	4.402
9.0 - 12.0	2.414
12.0 - 16.0	2.295
16.0 - 21.0	.945
21.0 - 28.0	.452
28.0 - 36.0	.064
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 8  
DATE 25 JAN 1972  
TIME 15 36 30  
COUNTER NUMBER 1967

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 172.5  
AMBIENT TEMPERATURE (DEG K) 273.5

SAMPLED VOLUME (CM\*\*3) 65.0  
SAMPLE INTERVAL (M) 868.7  
NUMBER DENSITY (NO/CM\*\*3) .18  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.031
7.0 - 9.0	0.000
9.0 - 12.0	.015
12.0 - 16.0	0.000
16.0 - 21.0	.018
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 9  
DATE 25 JAN 1972  
TIME 15 36 40  
COUNTER NUMBER 1975

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 273.2

SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 1737.4  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.030
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 10  
DATE 25 JAN 1972  
TIME 15 30 55  
COUNTER NUMBER 1988

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 273.4

SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 2625.5  
NUMBER DENSITY (NO/CM\*\*3) .95  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.061
7.0 - 9.0	.091
9.0 - 12.0	.076
12.0 - 16.0	.057
16.0 - 21.0	.027
21.0 - 28.0	.013
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 11  
DATE 25 JAN 1972  
TIME 15 38 35  
COUNTER NUMBER 2070

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 274.9

SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 9.94  
LIQ. WATER CONTENT (GM/M\*\*3) .019

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.490
7.0 - 9.0	.898
9.0 - 12.0	.484
12.0 - 16.0	.375
16.0 - 21.0	.359
21.0 - 28.0	.158
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 12  
DATE 25 JAN 1972  
TIME 15 38 55  
COUNTER NUMBER 2086

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 274.9

SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 3397.7  
NUMBER DENSITY (NO/CM\*\*3) 1.13  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.219
7.0 - 9.0	.070
9.0 - 12.0	.094
12.0 - 16.0	.070
16.0 - 21.0	.019
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 007 13  
DATE 25 JAN 1972  
TIME 15 39 0  
COUNTER NUMBER 2090

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 274.8

SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 849.4  
NUMBER DENSITY (NO/CM\*\*3) .42  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.063
7.0 - 9.0	.070
9.0 - 12.0	.031
12.0 - 16.0	.023
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 14  
DATE 25 JAN 1972  
TIME 15 39 10  
COUNTER NUMBER 2099

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 274.7

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 1686.0  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	.016
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 15  
DATE 25 JAN 1972  
TIME 15 39 20  
COUNTER NUMBER 2107

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 275.3

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 1673.1  
NUMBER DENSITY (NO/CM\*\*3) 11.43  
LIQ. WATER CONTENT (GM/M\*\*3) .013

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.042
7.0 - 9.0	1.016
9.0 - 12.0	.958
12.0 - 16.0	.456
16.0 - 21.0	.238
21.0 - 28.0	.057
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 16  
DATE 25 JAN 1972  
TIME 15 39 25  
COUNTER NUMBER 2111

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 275.3

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 2.00  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.529
7.0 - 9.0	.270
9.0 - 12.0	.079
12.0 - 16.0	.060
16.0 - 21.0	.010
21.0 - 28.0	.007
28.0 - 36.0	.012
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 17  
DATE 25 JAN 1972  
TIME 15 39 30  
COUNTER NUMBER 2115

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 164.7  
AMBIENT TEMPERATURE (DEG K) 275.1

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 830.1  
NUMBER DENSITY (NO/CM\*\*3) 1.16  
LIQ. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.296
7.0 - 9.0	.167
9.0 - 12.0	.016
12.0 - 16.0	.012
16.0 - 21.0	.019
21.0 - 28.0	.014
28.0 - 36.0	.012
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 18  
DATE 25 JAN 1972  
TIME 15 39 35  
COUNTER NUMBER 2120

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 164.7  
AMBIENT TEMPERATURE (DEG K) 274.7

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 823.7  
NUMBER DENSITY (NO/CM\*\*3) 67.92  
LIQ. WATER CONTENT (GM/M\*\*3) .099

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	11.175
7.0 - 9.0	6.944
9.0 - 12.0	4.180
12.0 - 16.0	2.778
16.0 - 21.0	2.041
21.0 - 28.0	.397
28.0 - 36.0	.073
36.0 - 47.0	0.000
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 19  
DATE 25 JAN 1972  
TIME 15 39 40  
COUNTER NUMBER 2124

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 162.2  
AMBIENT TEMPERATURE (DEG K) 273.6

SAMPLED VOLUME (CM\*\*3) 62.0  
SAMPLE INTERVAL (M) 817.2  
NUMBER DENSITY (NO/CM\*\*3) 65.63  
LIQ. WATER CONTENT (GM/M\*\*3) .179

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	10.108
7.0 - 9.0	4.000
9.0 - 12.0	2.285
12.0 - 16.0	3.008
16.0 - 21.0	3.132
21.0 - 28.0	.963
28.0 - 36.0	.093
36.0 - 47.0	.018
47.0 - 62.0	.010
62.0 - 82.0	.005
82.0 - 108.0	0.000

FLIGHT NUMBER 007 20  
DATE 25 JAN 1972  
TIME 15 39 45  
COUNTER NUMBER 2128

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 157.0  
AMBIENT TEMPERATURE (DEG K) 272.7

SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 797.9  
NUMBER DENSITY (NO/CM\*\*3) 45.92  
LIQ. WATER CONTENT (GM/M\*\*3) .049

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.533
7.0 - 9.0	6.583
9.0 - 12.0	2.756
12.0 - 16.0	1.575
16.0 - 21.0	.643
21.0 - 28.0	.274
28.0 - 36.0	.031
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 21  
DATE 25 JAN 1972  
TIME 15 39 50  
COUNTER NUMBER 2133

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 159.6  
AMBIENT TEMPERATURE (DEG K) 273.0

SAMPLED VOLUME (CM\*\*3) 61.0  
SAMPLE INTERVAL (M) 791.5  
NUMBER DENSITY (NO/CM\*\*3) 41.38  
LIQ. WATER CONTENT (GM/M\*\*3) .105

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.934
7.0 - 9.0	3.148
9.0 - 12.0	1.464
12.0 - 16.0	1.701
16.0 - 21.0	1.823
21.0 - 28.0	.724
28.0 - 36.0	.082
36.0 - 47.0	.004
47.0 - 62.0	.007
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 22  
DATE 25 JAN 1972  
TIME 15 39 55  
COUNTER NUMBER 2137

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 159.6  
AMBIENT TEMPERATURE (DEG K) 272.2

SAMPLED VOLUME (CM\*\*3) 61.0  
SAMPLE INTERVAL (M) 797.9  
NUMBER DENSITY (NO/CM\*\*3) 91.79  
LIQ. WATER CONTENT (GM/M\*\*3) .104

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	17.891
7.0 - 9.0	9.680
9.0 - 12.0	6.945
12.0 - 16.0	3.906
16.0 - 21.0	1.125
21.0 - 28.0	.400
28.0 - 36.0	.064
36.0 - 47.0	.013
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 23  
DATE 25 JAN 1972  
TIME 15 40 0  
COUNTER NUMBER 2141

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 164.7  
AMBIENT TEMPERATURE (DEG K) 271.6

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 810.8  
NUMBER DENSITY (NO/CM\*\*3) 3.44  
LIQ. WATER CONTENT (GM/M\*\*3) .016

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.720
7.0 - 9.0	.365
9.0 - 12.0	.212
12.0 - 16.0	.012
16.0 - 21.0	.057
21.0 - 28.0	.048
28.0 - 36.0	.018
36.0 - 47.0	.013
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 24  
DATE 25 JAN 1972  
TIME 15 40 5  
COUNTER NUMBER 2145

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 159.6  
AMBIENT TEMPERATURE (DEG K) 272.2

SAMPLED VOLUME (CM\*\*3) 61.0  
SAMPLE INTERVAL (M) 810.8  
NUMBER DENSITY (NO/CM\*\*3) 110.98  
LIQ. WATER CONTENT (GM/M\*\*3) .130

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	22.634
7.0 - 9.0	14.516
9.0 - 12.0	8.589
12.0 - 16.0	2.984
16.0 - 21.0	.869
21.0 - 28.0	.635
28.0 - 36.0	.109
36.0 - 47.0	.018
47.0 - 62.0	.010
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 25  
DATE 25 JAN 1972  
TIME 15 40 10  
COUNTER NUMBER 2149

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 157.0  
AMBIENT TEMPERATURE (DEG K) 271.7  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 791.5  
NUMBER DENSITY (NO/CM\*\*3) 13.32  
LIQ. WATER CONTENT (GM/M\*\*3) .041

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.367
7.0 - 9.0	1.400
9.0 - 12.0	.617
12.0 - 16.0	.271
16.0 - 21.0	.217
21.0 - 28.0	.155
28.0 - 36.0	.096
36.0 - 47.0	.009
47.0 - 62.0	.007
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 26  
DATE 25 JAN 1972  
TIME 15 40 15  
COUNTER NUMBER 2153

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 157.0  
AMBIENT TEMPERATURE (DEG K) 271.2  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 785.1  
NUMBER DENSITY (NO/CM\*\*3) 90.87  
LIQ. WATER CONTENT (GM/M\*\*3) .213

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	22.044
7.0 - 9.0	7.858
9.0 - 12.0	3.261
12.0 - 16.0	2.563
16.0 - 21.0	2.197
21.0 - 28.0	1.233
28.0 - 36.0	.208
36.0 - 47.0	.042
47.0 - 62.0	.013
62.0 - 82.0	.005
82.0 - 108.0	0.000

FLIGHT NUMBER 007 27  
DATE 25 JAN 1972  
TIME 15 40 20  
COUNTER NUMBER 2157

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 159.6  
AMBIENT TEMPERATURE (DEG K) 271.3  
SAMPLED VOLUME (CM\*\*3) 61.0  
SAMPLE INTERVAL (M) 791.5  
NUMBER DENSITY (NO/CM\*\*3) 94.59  
LIQ. WATER CONTENT (GM/M\*\*3) .157

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	28.820
7.0 - 9.0	9.393
9.0 - 12.0	3.377
12.0 - 16.0	1.791
16.0 - 21.0	1.452
21.0 - 28.0	.899
28.0 - 36.0	.133
36.0 - 47.0	.042
47.0 - 62.0	.010
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 007 28  
DATE 25 JAN 1972  
TIME 15 40 25  
COUNTER NUMBER 2161

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 164.7  
AMBIENT TEMPERATURE (DEG K) 270.5  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 810.8  
NUMBER DENSITY (NO/CM\*\*3) 9.52  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.270
7.0 - 9.0	.889
9.0 - 12.0	.328
12.0 - 16.0	.135
16.0 - 21.0	.098
21.0 - 28.0	.084
28.0 - 36.0	.024
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 29  
DATE 25 JAN 1972  
TIME 15 40 30  
COUNTER NUMBER 2165

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 162.2  
AMBIENT TEMPERATURE (DEG K) 270.5  
SAMPLED VOLUME (CM\*\*3) 62.0  
SAMPLE INTERVAL (M) 817.2  
NUMBER DENSITY (NO/CM\*\*3) .19  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.032
7.0 - 9.0	.024
9.0 - 12.0	.016
12.0 - 16.0	.012
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 30  
DATE 25 JAN 1972  
TIME 15 40 35  
COUNTER NUMBER 2169

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 271.4  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 823.7  
NUMBER DENSITY (NO/CM\*\*3) 97.49  
LIQ. WATER CONTENT (GM/M\*\*3) .260

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	21.354
7.0 - 9.0	9.000
9.0 - 12.0	4.460
12.0 - 16.0	2.540
16.0 - 21.0	1.587
21.0 - 28.0	1.685
28.0 - 36.0	.383
36.0 - 47.0	.066
47.0 - 62.0	.026
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 31  
DATE 25 JAN 1972  
TIME 15 40 40  
COUNTER NUMBER 2174

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 159.6  
AMBIENT TEMPERATURE (DEG K) 270.8  
SAMPLED VOLUME (CM\*\*3) 61.0  
SAMPLE INTERVAL (M) 817.2  
NUMBER DENSITY (NO/CM\*\*3) 121.84  
LIQ. WATER CONTENT (GM/M\*\*3) .259

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	16.284
7.0 - 9.0	10.828
9.0 - 12.0	5.514
12.0 - 16.0	5.209
16.0 - 21.0	5.266
21.0 - 28.0	1.440
28.0 - 36.0	.197
36.0 - 47.0	.027
47.0 - 62.0	.007
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 32  
DATE 25 JAN 1972  
TIME 15 40 45  
COUNTER NUMBER 2178

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 157.0  
AMBIENT TEMPERATURE (DEG K) 270.8  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 791.5  
NUMBER DENSITY (NO/CM\*\*3) 146.43  
LIQ. WATER CONTENT (GM/M\*\*3) .347

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	27.667
7.0 - 9.0	8.900
9.0 - 12.0	7.567
12.0 - 16.0	6.250
16.0 - 21.0	4.967
21.0 - 28.0	1.562
28.0 - 36.0	.325
36.0 - 47.0	.070
47.0 - 62.0	.013
62.0 - 82.0	.002
82.0 - 108.0	.002

FLIGHT NUMBER 007 33  
DATE 25 JAN 1972  
TIME 15 40 50  
COUNTER NUMBER 2182

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 157.0  
AMBIENT TEMPERATURE (DEG K) 270.8  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 785.1  
NUMBER DENSITY (NO/CM\*\*3) 125.55  
LIQ. WATER CONTENT (GM/M\*\*3) .146

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	40.867
7.0 - 9.0	13.900
9.0 - 12.0	4.683
12.0 - 16.0	2.158
16.0 - 21.0	1.270
21.0 - 28.0	.764
28.0 - 36.0	.215
36.0 - 47.0	.023
47.0 - 62.0	.007
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 34  
DATE 25 JAN 1972  
TIME 15 40 55  
COUNTER NUMBER 2186

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 159.6  
AMBIENT TEMPERATURE (DEG K) 270.7  
SAMPLED VOLUME (CM\*\*3) 61.0  
SAMPLE INTERVAL (M) 791.5  
NUMBER DENSITY (NO/CM\*\*3) 7.07  
LIQ. WATER CONTENT (GM/M\*\*3) .009

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.869
7.0 - 9.0	.844
9.0 - 12.0	.251
12.0 - 16.0	.152
16.0 - 21.0	.141
21.0 - 28.0	.059
28.0 - 36.0	.012
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 35  
DATE 25 JAN 1972  
TIME 15 41 0  
COUNTER NUMBER 2190

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 162.2  
AMBIENT TEMPERATURE (DEG K) 270.8  
SAMPLED VOLUME (CM\*\*3) 62.0  
SAMPLE INTERVAL (M) 804.4  
NUMBER DENSITY (NO/CM\*\*3) 114.61  
LIQ. WATER CONTENT (GM/M\*\*3) .150

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	36.688
7.0 - 9.0	11.032
9.0 - 12.0	3.124
12.0 - 16.0	2.230
16.0 - 21.0	2.206
21.0 - 28.0	.979
28.0 - 36.0	.125
36.0 - 47.0	.031
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 36  
DATE 25 JAN 1972  
TIME 15 41 5  
COUNTER NUMBER 2195

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 164.7  
AMBIENT TEMPERATURE (DEG K) 270.6  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 817.2  
NUMBER DENSITY (NO/CM\*\*3) 31.90  
LIQ. WATER CONTENT (GM/M\*\*3) .031

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.561
7.0 - 9.0	3.619
9.0 - 12.0	1.667
12.0 - 16.0	.893
16.0 - 21.0	.365
21.0 - 28.0	.184
28.0 - 36.0	.012
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 37  
DATE 25 JAN 1972  
TIME 15 41 10  
COUNTER NUMBER 2199

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 271.0

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 830.1  
NUMBER DENSITY (NO/CM\*\*3) 3.81  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.122
7.0 - 9.0	.365
9.0 - 12.0	.228
12.0 - 16.0	.036
16.0 - 21.0	.067
21.0 - 28.0	.034
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 38  
DATE 25 JAN 1972  
TIME 15 41 15  
COUNTER NUMBER 2203

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 271.0

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 1.25  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.296
7.0 - 9.0	.143
9.0 - 12.0	.063
12.0 - 16.0	.036
16.0 - 21.0	.029
21.0 - 28.0	0.000
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 39  
DATE 25 JAN 1972  
TIME 15 41 20  
COUNTER NUMBER 2207

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 271.4

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 17.56  
LIQ. WATER CONTENT (GM/M\*\*3) .021

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.778
7.0 - 9.0	1.786
9.0 - 12.0	.608
12.0 - 16.0	.321
16.0 - 21.0	.286
21.0 - 28.0	.077
28.0 - 36.0	.024
36.0 - 47.0	0.000
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 40  
DATE 25 JAN 1972  
TIME 15 41 25  
COUNTER NUMBER 2211

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 271.1

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 90.08  
LIQ. WATER CONTENT (GM/M\*\*3) .265

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	17.291
7.0 - 9.0	8.452
9.0 - 12.0	3.471
12.0 - 16.0	2.429
16.0 - 21.0	2.765
21.0 - 28.0	1.488
28.0 - 36.0	.248
36.0 - 47.0	.036
47.0 - 62.0	.026
62.0 - 82.0	.002
82.0 - 108.0	.002

FLIGHT NUMBER 007 41  
DATE 25 JAN 1972  
TIME 15 41 30  
COUNTER NUMBER 2215

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 270.7

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 112.29  
LIQ. WATER CONTENT (GM/M\*\*3) .179

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	33.101
7.0 - 9.0	11.556
9.0 - 12.0	4.677
12.0 - 16.0	2.206
16.0 - 21.0	1.733
21.0 - 28.0	.891
28.0 - 36.0	.179
36.0 - 47.0	.013
47.0 - 62.0	.006
62.0 - 82.0	.002
82.0 - 108.0	.002

FLIGHT NUMBER 007 42  
DATE 25 JAN 1972  
TIME 15 41 35  
COUNTER NUMBER 2219

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 164.7  
AMBIENT TEMPERATURE (DEG K) 270.8

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 830.1  
NUMBER DENSITY (NO/CM\*\*3) 183.11  
LIQ. WATER CONTENT (GM/M\*\*3) .284

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	51.947
7.0 - 9.0	19.714
9.0 - 12.0	7.556
12.0 - 16.0	4.115
16.0 - 21.0	2.657
21.0 - 28.0	1.458
28.0 - 36.0	.290
36.0 - 47.0	.045
47.0 - 62.0	.019
62.0 - 82.0	0.000
82.0 - 108.0	.002

FLIGHT NUMBER 007 43  
DATE 25 JAN 1972  
TIME 15 41 40  
COUNTER NUMBER 2224

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 270.1

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 830.1  
NUMBER DENSITY (NO/CM\*\*3) 125.06  
LIQ. WATER CONTENT (GM/M\*\*3) .088

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	39.545
7.0 - 9.0	16.389
9.0 - 12.0	5.074
12.0 - 16.0	2.306
16.0 - 21.0	1.111
21.0 - 28.0	.340
28.0 - 36.0	.067
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 44  
DATE 25 JAN 1972  
TIME 15 41 45  
COUNTER NUMBER 2228

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 270.1

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 52.67  
LIQ. WATER CONTENT (GM/M\*\*3) .111

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	13.820
7.0 - 9.0	4.929
9.0 - 12.0	1.767
12.0 - 16.0	1.163
16.0 - 21.0	.952
21.0 - 28.0	.841
28.0 - 36.0	.149
36.0 - 47.0	.017
47.0 - 62.0	.006
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 45  
DATE 25 JAN 1972  
TIME 15 41 50  
COUNTER NUMBER 2232

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 269.8

SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 843.0  
NUMBER DENSITY (NO/CM\*\*3) 89.53  
LIQ. WATER CONTENT (GM/M\*\*3) .085

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	27.896
7.0 - 9.0	11.133
9.0 - 12.0	4.083
12.0 - 16.0	1.438
16.0 - 21.0	.847
21.0 - 28.0	.319
28.0 - 36.0	.084
36.0 - 47.0	.017
47.0 - 62.0	.006
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 46  
DATE 25 JAN 1972  
TIME 15 41 55  
COUNTER NUMBER 2236

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 270.1

SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 849.4  
NUMBER DENSITY (NO/CM\*\*3) 74.75  
LIQ. WATER CONTENT (GM/M\*\*3) .056

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	24.667
7.0 - 9.0	9.492
9.0 - 12.0	2.583
12.0 - 16.0	1.305
16.0 - 21.0	.703
21.0 - 28.0	.292
28.0 - 36.0	.018
36.0 - 47.0	.009
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 47  
DATE 25 JAN 1972  
TIME 15 42 0  
COUNTER NUMBER 2240

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 172.5  
AMBIENT TEMPERATURE (DEG K) 269.9

SAMPLED VOLUME (CM\*\*3) 65.0  
SAMPLE INTERVAL (M) 855.9  
NUMBER DENSITY (NO/CM\*\*3) 16.34  
LIQ. WATER CONTENT (GM/M\*\*3) .033

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	3.431
9.0 - 12.0	1.344
12.0 - 16.0	.646
16.0 - 21.0	.268
21.0 - 28.0	.149
28.0 - 36.0	.048
36.0 - 47.0	.004
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 48  
DATE 25 JAN 1972  
TIME 15 42 5  
COUNTER NUMBER 2245

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 172.5  
AMBIENT TEMPERATURE (DEG K) 269.7

SAMPLED VOLUME (CM\*\*3) 65.0  
SAMPLE INTERVAL (M) 862.3  
NUMBER DENSITY (NO/CM\*\*3) 76.78  
LIQ. WATER CONTENT (GM/M\*\*3) .063

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	22.882
7.0 - 9.0	8.146
9.0 - 12.0	3.621
12.0 - 16.0	2.308
16.0 - 21.0	.738
21.0 - 28.0	.301
28.0 - 36.0	.035
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 49  
DATE 25 JAN 1972  
TIME 15 42 10  
COUNTER NUMBER 2249

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 269.9  
  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 849.4  
NUMBER DENSITY (NO/CM\*\*3) .81  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.190
7.0 - 9.0	.167
9.0 - 12.0	0.000
12.0 - 16.0	.048
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 50  
DATE 25 JAN 1972  
TIME 15 42 15  
COUNTER NUMBER 2253

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 270.5  
  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 36.30  
LIQ. WATER CONTENT (GM/M\*\*3) .052

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	12.000
7.0 - 9.0	3.024
9.0 - 12.0	1.503
12.0 - 16.0	.556
16.0 - 21.0	.622
21.0 - 28.0	.227
28.0 - 36.0	.085
36.0 - 47.0	.009
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 51  
DATE 25 JAN 1972  
TIME 15 42 20  
COUNTER NUMBER 2257

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 270.2  
  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 77.76  
LIQ. WATER CONTENT (GM/M\*\*3) .102

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	18.677
7.0 - 9.0	8.651
9.0 - 12.0	4.196
12.0 - 16.0	2.591
16.0 - 21.0	.930
21.0 - 28.0	.558
28.0 - 36.0	.105
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 007 52  
DATE 25 JAN 1972  
TIME 15 42 25  
COUNTER NUMBER 2261

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 270.3  
  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 78.16  
LIQ. WATER CONTENT (GM/M\*\*3) .068

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	14.444
7.0 - 9.0	12.071
9.0 - 12.0	6.365
12.0 - 16.0	1.798
16.0 - 21.0	.781
21.0 - 28.0	.247
28.0 - 36.0	.042
36.0 - 47.0	.009
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 53  
DATE 25 JAN 1972  
TIME 15 42 30  
COUNTER NUMBER 2265

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 172.5  
AMBIENT TEMPERATURE (DEG K) 270.0  
  
SAMPLED VOLUME (CM\*\*3) 65.0  
SAMPLE INTERVAL (M) 849.4  
NUMBER DENSITY (NO/CM\*\*3) .28  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.154
7.0 - 9.0	.023
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 54  
DATE 25 JAN 1972  
TIME 15 42 35  
COUNTER NUMBER 2269

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 172.5  
AMBIENT TEMPERATURE (DEG K) 270.9  
  
SAMPLED VOLUME (CM\*\*3) 65.0  
SAMPLE INTERVAL (M) 862.3  
NUMBER DENSITY (NO/CM\*\*3) 12.37  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.764
7.0 - 9.0	1.315
9.0 - 12.0	.256
12.0 - 16.0	.046
16.0 - 21.0	.009
21.0 - 28.0	.013
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 55  
DATE 25 JAN 1972  
TIME 15 42 40  
COUNTER NUMBER 2274

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 270.9  
  
SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 855.9  
NUMBER DENSITY (NO/CM\*\*3) 25.44  
LIQ. WATER CONTENT (GM/M\*\*3) .023

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.531
7.0 - 9.0	3.047
9.0 - 12.0	2.047
12.0 - 16.0	1.988
16.0 - 21.0	.272
21.0 - 28.0	.007
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 56  
DATE 25 JAN 1972  
TIME 15 42 45  
COUNTER NUMBER 2278

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 172.5  
AMBIENT TEMPERATURE (DEG K) 271.3  
  
SAMPLED VOLUME (CM\*\*3) 65.0  
SAMPLE INTERVAL (M) 855.9  
NUMBER DENSITY (NO/CM\*\*3) 6.74  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.082
7.0 - 9.0	.738
9.0 - 12.0	.318
12.0 - 16.0	.204
16.0 - 21.0	.055
21.0 - 28.0	.013
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 57  
DATE 25 JAN 1972  
TIME 15 42 50  
COUNTER NUMBER 2282

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 172.5  
AMBIENT TEMPERATURE (DEG K) 271.4  
  
SAMPLED VOLUME (CM\*\*3) 65.0  
SAMPLE INTERVAL (M) 862.3  
NUMBER DENSITY (NO/CM\*\*3) 20.15  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.544
7.0 - 9.0	2.785
9.0 - 12.0	1.426
12.0 - 16.0	.577
16.0 - 21.0	.182
21.0 - 28.0	.040
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 58  
DATE 25 JAN 1972  
TIME 15 42 55  
COUNTER NUMBER 2286

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 172.5  
AMBIENT TEMPERATURE (DEG K) 271.2  
  
SAMPLED VOLUME (CM\*\*3) 65.0  
SAMPLE INTERVAL (M) 862.3  
NUMBER DENSITY (NO/CM\*\*3) 32.18  
LIQ. WATER CONTENT (GM/M\*\*3) .020

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.697
7.0 - 9.0	5.769
9.0 - 12.0	1.728
12.0 - 16.0	.877
16.0 - 21.0	.363
21.0 - 28.0	.013
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 59  
DATE 25 JAN 1972  
TIME 15 43 0  
COUNTER NUMBER 2290

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 271.9  
  
SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 855.9  
NUMBER DENSITY (NO/CM\*\*3) 48.69  
LIQ. WATER CONTENT (GM/M\*\*3) .054

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.917
7.0 - 9.0	5.953
9.0 - 12.0	3.531
12.0 - 16.0	1.574
16.0 - 21.0	.887
21.0 - 28.0	.270
28.0 - 36.0	.018
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 60  
DATE 25 JAN 1972  
TIME 15 43 5  
COUNTER NUMBER 2295

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 172.5  
AMBIENT TEMPERATURE (DEG K) 271.5  
  
SAMPLED VOLUME (CM\*\*3) 130.0  
SAMPLE INTERVAL (M) 855.9  
NUMBER DENSITY (NO/CM\*\*3) 30.05  
LIQ. WATER CONTENT (GM/M\*\*3) .036

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.021
7.0 - 9.0	2.800
9.0 - 12.0	2.715
12.0 - 16.0	1.513
16.0 - 21.0	.625
21.0 - 28.0	.151
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 61  
DATE 25 JAN 1972  
TIME 15 43 10  
COUNTER NUMBER 2298

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 172.5  
AMBIENT TEMPERATURE (DEG K) 271.2

SAMPLED VOLUME (CM\*\*3) 65.0  
SAMPLE INTERVAL (M) 862.3  
NUMBER DENSITY (NO/CM\*\*3) 1.95  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.410
7.0 - 9.0	.162
9.0 - 12.0	.077
12.0 - 16.0	.069
16.0 - 21.0	.046
21.0 - 28.0	.033
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 62  
DATE 25 JAN 1972  
TIME 15 43 15  
COUNTER NUMBER 2302

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 172.5  
AMBIENT TEMPERATURE (DEG K) 272.0

SAMPLED VOLUME (CM\*\*3) 65.0  
SAMPLE INTERVAL (M) 862.3  
NUMBER DENSITY (NO/CM\*\*3) 1.15  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.092
7.0 - 9.0	.069
9.0 - 12.0	.031
12.0 - 16.0	.023
16.0 - 21.0	.055
21.0 - 28.0	.046
28.0 - 36.0	.012
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 63  
DATE 25 JAN 1972  
TIME 15 43 20  
COUNTER NUMBER 2306

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 271.9

SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 855.9  
NUMBER DENSITY (NO/CM\*\*3) 9.95  
LIQ. WATER CONTENT (GM/M\*\*3) .023

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.604
7.0 - 9.0	.781
9.0 - 12.0	.208
12.0 - 16.0	.109
16.0 - 21.0	.066
21.0 - 28.0	.174
28.0 - 36.0	.035
36.0 - 47.0	.004
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 64  
DATE 25 JAN 1972  
TIME 15 43 25  
COUNTER NUMBER 2310

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 271.7

SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 849.4  
NUMBER DENSITY (NO/CM\*\*3) 40.81  
LIQ. WATER CONTENT (GM/M\*\*3) .029

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	11.906
7.0 - 9.0	5.125
9.0 - 12.0	2.505
12.0 - 16.0	.668
16.0 - 21.0	.291
21.0 - 28.0	.125
28.0 - 36.0	.023
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 65  
DATE 25 JAN 1972  
TIME 15 43 30  
COUNTER NUMBER 2315

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 271.5

SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 849.4  
NUMBER DENSITY (NO/CM\*\*3) 24.31  
LIQ. WATER CONTENT (GM/M\*\*3) .028

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.594
7.0 - 9.0	2.977
9.0 - 12.0	1.172
12.0 - 16.0	.863
16.0 - 21.0	.359
21.0 - 28.0	.145
28.0 - 36.0	.018
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 66  
DATE 25 JAN 1972  
TIME 15 45 40  
COUNTER NUMBER 2333

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 270.7

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) 32.91  
LIQ. WATER CONTENT (GM/M\*\*3) .044

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.602
7.0 - 9.0	3.634
9.0 - 12.0	1.458
12.0 - 16.0	.746
16.0 - 21.0	.400
21.0 - 28.0	.205
28.0 - 36.0	.034
36.0 - 47.0	.008
47.0 - 62.0	.006
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 67  
DATE 25 JAN 1972  
TIME 15 45 45  
COUNTER NUMBER 2337

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 177.6  
AMBIENT TEMPERATURE (DEG K) 270.7

SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 894.5  
NUMBER DENSITY (NO/CM\*\*3) 18.41  
LIQ. WATER CONTENT (GM/M\*\*3) .025

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.212
7.0 - 9.0	2.129
9.0 - 12.0	.804
12.0 - 16.0	.864
16.0 - 21.0	.442
21.0 - 28.0	.141
28.0 - 36.0	.011
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 68  
DATE 25 JAN 1972  
TIME 15 45 50  
COUNTER NUMBER 2341

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 270.8

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 862.3  
NUMBER DENSITY (NO/CM\*\*3) 1.21  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.222
7.0 - 9.0	.341
9.0 - 12.0	.063
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 69  
DATE 25 JAN 1972  
TIME 15 45 54  
COUNTER NUMBER 2345

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 271.0

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 669.2  
NUMBER DENSITY (NO/CM\*\*3) .73  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.360
7.0 - 9.0	0.000
9.0 - 12.0	.016
12.0 - 16.0	.012
16.0 - 21.0	.010
21.0 - 28.0	.007
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 70  
DATE 25 JAN 1972  
TIME 15 45 58  
COUNTER NUMBER 2348

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 271.2

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 669.2  
NUMBER DENSITY (NO/CM\*\*3) 3.97  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.280
7.0 - 9.0	.468
9.0 - 12.0	.095
12.0 - 16.0	.048
16.0 - 21.0	.079
21.0 - 28.0	.020
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 71  
DATE 25 JAN 1972  
TIME 15 46 3  
COUNTER NUMBER 2352

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 271.3

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 90.00  
LIQ. WATER CONTENT (GM/M\*\*3) .160

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	18.381
7.0 - 9.0	7.937
9.0 - 12.0	3.190
12.0 - 16.0	3.321
16.0 - 21.0	3.175
21.0 - 28.0	.907
28.0 - 36.0	.179
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 72  
DATE 25 JAN 1972  
TIME 15 46 7  
COUNTER NUMBER 2355

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 271.4

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 669.2  
NUMBER DENSITY (NO/CM\*\*3) 11.32  
LIQ. WATER CONTENT (GM/M\*\*3) .023

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.439
7.0 - 9.0	1.159
9.0 - 12.0	.265
12.0 - 16.0	.234
16.0 - 21.0	.108
21.0 - 28.0	.154
28.0 - 36.0	.050
36.0 - 47.0	.009
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER	007	73	FLIGHT NUMBER	007	74	FLIGHT NUMBER	007	75
DATE 25 JAN 1972			DATE 25 JAN 1972			DATE 25 JAN 1972		
TIME 15 46 10			TIME 15 46 15			TIME 15 46 20		
COUNTER NUMBER 2358			COUNTER NUMBER 2362			COUNTER NUMBER 2366		
AIRCRAFT ALTITUDE (KM)	4.6		AIRCRAFT ALTITUDE (KM)	4.6		AIRCRAFT ALTITUDE (KM)	4.6	
AIRCRAFT VELOCITY (M/S)	167.3		AIRCRAFT VELOCITY (M/S)	167.3		AIRCRAFT VELOCITY (M/S)	167.3	
AMBIENT TEMPERATURE (DEG K)	271.4		AMBIENT TEMPERATURE (DEG K)	271.0		AMBIENT TEMPERATURE (DEG K)	271.0	
SAMPLED VOLUME (CM**3)	63.0		SAMPLED VOLUME (CM**3)	63.0		SAMPLED VOLUME (CM**3)	63.0	
SAMPLE INTERVAL (M)	501.9		SAMPLE INTERVAL (M)	836.5		SAMPLE INTERVAL (M)	836.5	
NUMBER DENSITY (NO/CM**3)	100.83		NUMBER DENSITY (NO/CM**3)	62.16		NUMBER DENSITY (NO/CM**3)	2.94	
LIG. WATER CONTENT (GM/M**3)	.081		LIG. WATER CONTENT (GM/M**3)	.047		LIG. WATER CONTENT (GM/M**3)	.004	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	28.529		5.5 - 7.0	12.794		5.5 - 7.0	.593	
7.0 - 9.0	11.183		7.0 - 9.0	9.524		7.0 - 9.0	.294	
9.0 - 12.0	5.159		9.0 - 12.0	4.280		9.0 - 12.0	.180	
12.0 - 16.0	3.210		12.0 - 16.0	2.032		12.0 - 16.0	.060	
16.0 - 21.0	.940		16.0 - 21.0	.295		16.0 - 21.0	.098	
21.0 - 28.0	.331		21.0 - 28.0	.170		21.0 - 28.0	.027	
28.0 - 36.0	.036		28.0 - 36.0	.036		28.0 - 36.0	0.000	
36.0 - 47.0	.004		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	007	76	FLIGHT NUMBER	007	77	FLIGHT NUMBER	007	78
DATE 25 JAN 1972			DATE 25 JAN 1972			DATE 25 JAN 1972		
TIME 15 46 25			TIME 15 46 30			TIME 15 46 34		
COUNTER NUMBER 2370			COUNTER NUMBER 2374			COUNTER NUMBER 2378		
AIRCRAFT ALTITUDE (KM)	4.6		AIRCRAFT ALTITUDE (KM)	4.6		AIRCRAFT ALTITUDE (KM)	4.6	
AIRCRAFT VELOCITY (M/S)	167.3		AIRCRAFT VELOCITY (M/S)	167.3		AIRCRAFT VELOCITY (M/S)	167.3	
AMBIENT TEMPERATURE (DEG K)	271.0		AMBIENT TEMPERATURE (DEG K)	271.2		AMBIENT TEMPERATURE (DEG K)	271.2	
SAMPLED VOLUME (CM**3)	63.0		SAMPLED VOLUME (CM**3)	63.0		SAMPLED VOLUME (CM**3)	63.0	
SAMPLE INTERVAL (M)	836.5		SAMPLE INTERVAL (M)	836.5		SAMPLE INTERVAL (M)	669.2	
NUMBER DENSITY (NO/CM**3)	11.41		NUMBER DENSITY (NO/CM**3)	3.92		NUMBER DENSITY (NO/CM**3)	63.32	
LIG. WATER CONTENT (GM/M**3)	.010		LIG. WATER CONTENT (GM/M**3)	.002		LIG. WATER CONTENT (GM/M**3)	.057	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	3.767		5.5 - 7.0	1.450		5.5 - 7.0	7.069	
7.0 - 9.0	1.286		7.0 - 9.0	.341		7.0 - 9.0	6.794	
9.0 - 12.0	.545		9.0 - 12.0	.196		9.0 - 12.0	5.984	
12.0 - 16.0	.159		12.0 - 16.0	.060		12.0 - 16.0	4.079	
16.0 - 21.0	.098		16.0 - 21.0	.029		16.0 - 21.0	.952	
21.0 - 28.0	.048		21.0 - 28.0	.014		21.0 - 28.0	.014	
28.0 - 36.0	.006		28.0 - 36.0	0.000		28.0 - 36.0	0.000	
36.0 - 47.0	.004		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	007	79	FLIGHT NUMBER	007	80	FLIGHT NUMBER	007	81
DATE 25 JAN 1972			DATE 25 JAN 1972			DATE 25 JAN 1972		
TIME 15 46 39			TIME 15 46 45			TIME 15 46 50		
COUNTER NUMBER 2380			COUNTER NUMBER 2387			COUNTER NUMBER 2391		
AIRCRAFT ALTITUDE (KM)	4.6		AIRCRAFT ALTITUDE (KM)	4.6		AIRCRAFT ALTITUDE (KM)	4.6	
AIRCRAFT VELOCITY (M/S)	167.3		AIRCRAFT VELOCITY (M/S)	167.3		AIRCRAFT VELOCITY (M/S)	167.3	
AMBIENT TEMPERATURE (DEG K)	271.2		AMBIENT TEMPERATURE (DEG K)	271.3		AMBIENT TEMPERATURE (DEG K)	271.5	
SAMPLED VOLUME (CM**3)	63.0		SAMPLED VOLUME (CM**3)	63.0		SAMPLED VOLUME (CM**3)	63.0	
SAMPLE INTERVAL (M)	836.5		SAMPLE INTERVAL (M)	1003.9		SAMPLE INTERVAL (M)	836.5	
NUMBER DENSITY (NO/CM**3)	83.33		NUMBER DENSITY (NO/CM**3)	1.11		NUMBER DENSITY (NO/CM**3)	1.02	
LIG. WATER CONTENT (GM/M**3)	.081		LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.000	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	7.005		5.5 - 7.0	.296		5.5 - 7.0	.455	
7.0 - 9.0	7.016		7.0 - 9.0	.095		7.0 - 9.0	.048	
9.0 - 12.0	7.090		9.0 - 12.0	.079		9.0 - 12.0	.032	
12.0 - 16.0	8.492		12.0 - 16.0	.024		12.0 - 16.0	.024	
16.0 - 21.0	.692		16.0 - 21.0	.010		16.0 - 21.0	.010	
21.0 - 28.0	.014		21.0 - 28.0	.014		21.0 - 28.0	0.000	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	0.000	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	007	82	FLIGHT NUMBER	007	83	FLIGHT NUMBER	007	84
DATE 25 JAN 1972			DATE 25 JAN 1972			DATE 25 JAN 1972		
TIME 15 46 55			TIME 15 47 0			TIME 15 47 6		
COUNTER NUMBER 2395			COUNTER NUMBER 2399			COUNTER NUMBER 2405		
AIRCRAFT ALTITUDE (KM)	4.6		AIRCRAFT ALTITUDE (KM)	4.6		AIRCRAFT ALTITUDE (KM)	4.6	
AIRCRAFT VELOCITY (M/S)	167.3		AIRCRAFT VELOCITY (M/S)	175.0		AIRCRAFT VELOCITY (M/S)	167.3	
AMBIENT TEMPERATURE (DEG K)	281.2		AMBIENT TEMPERATURE (DEG K)	274.2		AMBIENT TEMPERATURE (DEG K)	274.0	
SAMPLED VOLUME (CM**3)	63.0		SAMPLED VOLUME (CM**3)	66.0		SAMPLED VOLUME (CM**3)	63.0	
SAMPLE INTERVAL (M)	836.5		SAMPLE INTERVAL (M)	855.9		SAMPLE INTERVAL (M)	1027.0	
NUMBER DENSITY (NO/CM**3)	.33		NUMBER DENSITY (NO/CM**3)	.05		NUMBER DENSITY (NO/CM**3)	.05	
LIG. WATER CONTENT (GM/M**3)	.000		LIG. WATER CONTENT (GM/M**3)	.000		LIG. WATER CONTENT (GM/M**3)	.000	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.127		5.5 - 7.0	0.000		5.5 - 7.0	.032	
7.0 - 9.0	.024		7.0 - 9.0	0.000		7.0 - 9.0	0.000	
9.0 - 12.0	.032		9.0 - 12.0	.015		9.0 - 12.0	0.000	
12.0 - 16.0	0.000		12.0 - 16.0	0.000		12.0 - 16.0	0.000	
16.0 - 21.0	0.000		16.0 - 21.0	0.000		16.0 - 21.0	0.000	
21.0 - 28.0	0.000		21.0 - 28.0	0.000		21.0 - 28.0	0.000	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	0.000	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	

FLIGHT NUMBER 007 85  
DATE 25 JAN 1972  
TIME 15 47 10  
COUNTER NUMBER 2406

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 274.5

SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 674.4  
NUMBER DENSITY (NO/CM\*\*3) .33  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.094
7.0 - 9.0	.023
9.0 - 12.0	.016
12.0 - 16.0	0.000
16.0 - 21.0	.019
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 86  
DATE 25 JAN 1972  
TIME 15 47 15  
COUNTER NUMBER 2412

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 275.3

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 843.0  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.032
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 87  
DATE 25 JAN 1972  
TIME 15 47 20  
COUNTER NUMBER 2416

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 275.5

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 156.65  
LIQ. WATER CONTENT (GM/M\*\*3) .119

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	51.714
7.0 - 9.0	18.325
9.0 - 12.0	6.101
12.0 - 16.0	3.210
16.0 - 21.0	1.349
21.0 - 28.0	.501
28.0 - 36.0	.123
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 88  
DATE 25 JAN 1972  
TIME 15 47 25  
COUNTER NUMBER 2420

AIRCRAFT ALTITUDE (KM) 4.3  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 273.8

SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 855.9  
NUMBER DENSITY (NO/CM\*\*3) 100.20  
LIQ. WATER CONTENT (GM/M\*\*3) .128

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	26.414
7.0 - 9.0	11.644
9.0 - 12.0	4.293
12.0 - 16.0	2.636
16.0 - 21.0	1.742
21.0 - 28.0	.541
28.0 - 36.0	.159
36.0 - 47.0	0.000
47.0 - 62.0	.003
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 007 89  
DATE 25 JAN 1972  
TIME 15 47 30  
COUNTER NUMBER 2424

AIRCRAFT ALTITUDE (KM) 4.3  
AIRCRAFT VELOCITY (M/S) 172.5  
AMBIENT TEMPERATURE (DEG K) 272.5

SAMPLED VOLUME (CM\*\*3) 65.0  
SAMPLE INTERVAL (M) 868.7  
NUMBER DENSITY (NO/CM\*\*3) 54.85  
LIQ. WATER CONTENT (GM/M\*\*3) .052

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	13.518
7.0 - 9.0	6.892
9.0 - 12.0	2.595
12.0 - 16.0	1.585
16.0 - 21.0	.969
21.0 - 28.0	.246
28.0 - 36.0	.012
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 90  
DATE 25 JAN 1972  
TIME 15 47 35  
COUNTER NUMBER 2428

AIRCRAFT ALTITUDE (KM) 4.3  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 272.7

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 849.4  
NUMBER DENSITY (NO/CM\*\*3) 63.86  
LIQ. WATER CONTENT (GM/M\*\*3) .068

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	20.328
7.0 - 9.0	7.587
9.0 - 12.0	2.148
12.0 - 16.0	1.425
16.0 - 21.0	.635
21.0 - 28.0	.283
28.0 - 36.0	.099
36.0 - 47.0	0.000
47.0 - 62.0	.006
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 91  
DATE 25 JAN 1972  
TIME 15 47 40  
COUNTER NUMBER 2432

AIRCRAFT ALTITUDE (KM) 4.3  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 273.0

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 103.29  
LIQ. WATER CONTENT (GM/M\*\*3) .090

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	20.402
7.0 - 9.0	11.778
9.0 - 12.0	7.540
12.0 - 16.0	4.587
16.0 - 21.0	1.229
21.0 - 28.0	.261
28.0 - 36.0	.024
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 92  
DATE 25 JAN 1972  
TIME 15 47 45  
COUNTER NUMBER 2437

AIRCRAFT ALTITUDE (KM) 4.3  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 273.0

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 123.19  
LIQ. WATER CONTENT (GM/M\*\*3) .094

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	42.751
7.0 - 9.0	14.825
9.0 - 12.0	4.196
12.0 - 16.0	2.183
16.0 - 21.0	1.000
21.0 - 28.0	.331
28.0 - 36.0	.067
36.0 - 47.0	.013
47.0 - 62.0	.006
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 93  
DATE 25 JAN 1972  
TIME 15 47 50  
COUNTER NUMBER 2441

AIRCRAFT ALTITUDE (KM) 4.3  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 272.7

SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 855.9  
NUMBER DENSITY (NO/CM\*\*3) 76.18  
LIQ. WATER CONTENT (GM/M\*\*3) .079

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	24.364
7.0 - 9.0	9.159
9.0 - 12.0	3.217
12.0 - 16.0	1.231
16.0 - 21.0	.718
21.0 - 28.0	.325
28.0 - 36.0	.081
36.0 - 47.0	.017
47.0 - 62.0	0.000
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 007 94  
DATE 25 JAN 1972  
TIME 15 47 55  
COUNTER NUMBER 2445

AIRCRAFT ALTITUDE (KM) 4.3  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 272.2

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 855.9  
NUMBER DENSITY (NO/CM\*\*3) 93.46  
LIQ. WATER CONTENT (GM/M\*\*3) .077

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	31.280
7.0 - 9.0	11.310
9.0 - 12.0	3.005
12.0 - 16.0	1.921
16.0 - 21.0	.781
21.0 - 28.0	.354
28.0 - 36.0	.079
36.0 - 47.0	.013
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 95  
DATE 25 JAN 1972  
TIME 15 48 0  
COUNTER NUMBER 2449

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 274.4

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 153.21  
LIQ. WATER CONTENT (GM/M\*\*3) .155

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	51.185
7.0 - 9.0	17.484
9.0 - 12.0	5.868
12.0 - 16.0	2.849
16.0 - 21.0	1.178
21.0 - 28.0	.658
28.0 - 36.0	.204
36.0 - 47.0	.017
47.0 - 62.0	.006
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 007 96  
DATE 25 JAN 1972  
TIME 15 48 5  
COUNTER NUMBER 2453

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 272.1

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 282.14  
LIQ. WATER CONTENT (GM/M\*\*3) .185

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	95.799
7.0 - 9.0	39.754
9.0 - 12.0	5.984
12.0 - 16.0	6.135
16.0 - 21.0	2.102
21.0 - 28.0	.694
28.0 - 36.0	.105
36.0 - 47.0	.017
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 007 97  
DATE 25 JAN 1972  
TIME 15 48 10  
COUNTER NUMBER 2457

AIRCRAFT ALTITUDE (KM) 4.3  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 272.2  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 830.5  
NUMBER DENSITY (NO/CM\*\*3) 231.83  
LIQ. WATER CONTENT (GM/M\*\*3) .166

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	75.354
7.0 - 9.0	28.889
9.0 - 12.0	10.185
12.0 - 16.0	3.905
16.0 - 21.0	1.813
21.0 - 28.0	.658
28.0 - 36.0	.105
36.0 - 47.0	.030
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 98  
DATE 25 JAN 1972  
TIME 15 48 14  
COUNTER NUMBER 2461

AIRCRAFT ALTITUDE (KM) 4.3  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 271.7  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 669.2  
NUMBER DENSITY (NO/CM\*\*3) 171.94  
LIQ. WATER CONTENT (GM/M\*\*3) .202

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	52.741
7.0 - 9.0	19.786
9.0 - 12.0	6.032
12.0 - 16.0	3.444
16.0 - 21.0	2.111
21.0 - 28.0	1.238
28.0 - 36.0	.240
36.0 - 47.0	.009
47.0 - 62.0	.010
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 99  
DATE 25 JAN 1972  
TIME 15 48 19  
COUNTER NUMBER 2465

AIRCRAFT ALTITUDE (KM) 4.3  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 272.1  
SAMPLED VOLUME (CM\*\*3) 126.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) .73  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.265
7.0 - 9.0	.024
9.0 - 12.0	.024
12.0 - 16.0	.036
16.0 - 21.0	.014
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 100  
DATE 25 JAN 1972  
TIME 15 48 24  
COUNTER NUMBER 2468

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 272.4  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 830.5  
NUMBER DENSITY (NO/CM\*\*3) .57  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.222
7.0 - 9.0	.071
9.0 - 12.0	.016
12.0 - 16.0	.012
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 101  
DATE 25 JAN 1972  
TIME 15 48 30  
COUNTER NUMBER 2474

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 275.0  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 1003.9  
NUMBER DENSITY (NO/CM\*\*3) 48.54  
LIQ. WATER CONTENT (GM/M\*\*3) .073

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	16.889
7.0 - 9.0	4.437
9.0 - 12.0	1.767
12.0 - 16.0	.655
16.0 - 21.0	.543
21.0 - 28.0	.367
28.0 - 36.0	.111
36.0 - 47.0	.017
47.0 - 62.0	0.000
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 007 102  
DATE 25 JAN 1972  
TIME 15 48 35  
COUNTER NUMBER 2478

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 274.4  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 176.94  
LIQ. WATER CONTENT (GM/M\*\*3) .134

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	61.302
7.0 - 9.0	20.881
9.0 - 12.0	6.746
12.0 - 16.0	3.187
16.0 - 21.0	1.140
21.0 - 28.0	.467
28.0 - 36.0	.123
36.0 - 47.0	.013
47.0 - 62.0	.010
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 103  
DATE 25 JAN 1972  
TIME 15 48 39  
COUNTER NUMBER 2482

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 274.1  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 669.2  
NUMBER DENSITY (NO/CM\*\*3) 21.59  
LIQ. WATER CONTENT (GM/M\*\*3) .020

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.746
7.0 - 9.0	2.206
9.0 - 12.0	.942
12.0 - 16.0	.905
16.0 - 21.0	.295
21.0 - 28.0	.077
28.0 - 36.0	.012
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 104  
DATE 25 JAN 1972  
TIME 15 48 45  
COUNTER NUMBER 2487

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 162.2  
AMBIENT TEMPERATURE (DEG K) 273.9  
SAMPLED VOLUME (CM\*\*3) 62.0  
SAMPLE INTERVAL (M) 988.4  
NUMBER DENSITY (NO/CM\*\*3) 57.00  
LIQ. WATER CONTENT (GM/M\*\*3) .120

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	11.989
7.0 - 9.0	4.911
9.0 - 12.0	1.844
12.0 - 16.0	1.839
16.0 - 21.0	1.813
21.0 - 28.0	.922
28.0 - 36.0	.093
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 007 105  
DATE 25 JAN 1972  
TIME 15 48 50  
COUNTER NUMBER 2491

AIRCRAFT ALTITUDE (KM) 4.0  
AIRCRAFT VELOCITY (M/S) 164.7  
AMBIENT TEMPERATURE (DEG K) 274.2  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 817.2  
NUMBER DENSITY (NO/CM\*\*3) 83.79  
LIQ. WATER CONTENT (GM/M\*\*3) .117

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	15.873
7.0 - 9.0	7.040
9.0 - 12.0	3.751
12.0 - 16.0	3.508
16.0 - 21.0	3.600
21.0 - 28.0	.317
28.0 - 36.0	.050
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 106  
DATE 25 JAN 1972  
TIME 15 48 55  
COUNTER NUMBER 2495

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 164.7  
AMBIENT TEMPERATURE (DEG K) 273.9  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 823.7  
NUMBER DENSITY (NO/CM\*\*3) 70.87  
LIQ. WATER CONTENT (GM/M\*\*3) .079

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	23.735
7.0 - 9.0	7.683
9.0 - 12.0	2.561
12.0 - 16.0	1.214
16.0 - 21.0	.733
21.0 - 28.0	.367
28.0 - 36.0	.111
36.0 - 47.0	.017
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 107  
DATE 25 JAN 1972  
TIME 15 49 0  
COUNTER NUMBER 2496

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 162.2  
AMBIENT TEMPERATURE (DEG K) 274.2  
SAMPLED VOLUME (CM\*\*3) 62.0  
SAMPLE INTERVAL (M) 817.2  
NUMBER DENSITY (NO/CM\*\*3) 100.05  
LIQ. WATER CONTENT (GM/M\*\*3) .270

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	19.086
7.0 - 9.0	9.347
9.0 - 12.0	4.317
12.0 - 16.0	3.677
16.0 - 21.0	1.742
21.0 - 28.0	1.800
28.0 - 36.0	.365
36.0 - 47.0	.045
47.0 - 62.0	.016
62.0 - 82.0	.005
82.0 - 108.0	0.000

FLIGHT NUMBER 007 108  
DATE 25 JAN 1972  
TIME 15 49 5  
COUNTER NUMBER 2503

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 274.1  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 823.7  
NUMBER DENSITY (NO/CM\*\*3) 81.10  
LIQ. WATER CONTENT (GM/M\*\*3) .176

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	13.619
7.0 - 9.0	6.119
9.0 - 12.0	3.884
12.0 - 16.0	4.746
16.0 - 21.0	1.905
21.0 - 28.0	.964
28.0 - 36.0	.149
36.0 - 47.0	.013
47.0 - 62.0	.006
62.0 - 82.0	.005
82.0 - 108.0	0.000

FLIGHT NUMBER 007 109  
DATE 25 JAN 1972  
TIME 15 49 10  
COUNTER NUMBER 2507

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 273.9  
  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 58.94  
LIQ. WATER CONTENT (GM/M\*\*3) .151

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	13.619
7.0 - 9.0	4.460
9.0 - 12.0	1.767
12.0 - 16.0	1.698
16.0 - 21.0	1.546
21.0 - 28.0	1.190
28.0 - 36.0	.149
36.0 - 47.0	.013
47.0 - 62.0	0.000
62.0 - 82.0	.005
82.0 - 106.0	0.000

FLIGHT NUMBER 007 110  
DATE 25 JAN 1972  
TIME 15 49 15  
COUNTER NUMBER 2511

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 273.9  
  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 123.24  
LIQ. WATER CONTENT (GM/M\*\*3) .088

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	40.540
7.0 - 9.0	14.135
9.0 - 12.0	5.190
12.0 - 16.0	2.480
16.0 - 21.0	1.149
21.0 - 28.0	.347
28.0 - 36.0	.056
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 111  
DATE 25 JAN 1972  
TIME 15 49 20  
COUNTER NUMBER 2515

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 273.9  
  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 96.11  
LIQ. WATER CONTENT (GM/M\*\*3) .110

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	31.778
7.0 - 9.0	10.262
9.0 - 12.0	3.503
12.0 - 16.0	1.635
16.0 - 21.0	1.168
21.0 - 28.0	.481
28.0 - 36.0	.185
36.0 - 47.0	.009
47.0 - 62.0	.006
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 112  
DATE 25 JAN 1972  
TIME 15 49 25  
COUNTER NUMBER 2519

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 273.8  
  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 836.5  
NUMBER DENSITY (NO/CM\*\*3) 76.94  
LIQ. WATER CONTENT (GM/M\*\*3) .118

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	16.233
7.0 - 9.0	6.865
9.0 - 12.0	4.196
12.0 - 16.0	3.175
16.0 - 21.0	1.686
21.0 - 28.0	.580
28.0 - 36.0	.117
36.0 - 47.0	.004
47.0 - 62.0	.006
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 113  
DATE 25 JAN 1972  
TIME 15 49 30  
COUNTER NUMBER 2524

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 159.6  
AMBIENT TEMPERATURE (DEG K) 274.1  
  
SAMPLED VOLUME (CM\*\*3) 61.0  
SAMPLE INTERVAL (M) 817.2  
NUMBER DENSITY (NO/CM\*\*3) 59.74  
LIQ. WATER CONTENT (GM/M\*\*3) .081

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	13.967
7.0 - 9.0	5.402
9.0 - 12.0	3.038
12.0 - 16.0	2.471
16.0 - 21.0	1.105
21.0 - 28.0	.386
28.0 - 36.0	.076
36.0 - 47.0	.013
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 114  
DATE 25 JAN 1972  
TIME 15 49 35  
COUNTER NUMBER 2528

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 159.6  
AMBIENT TEMPERATURE (DEG K) 274.1  
  
SAMPLED VOLUME (CM\*\*3) 61.0  
SAMPLE INTERVAL (M) 797.9  
NUMBER DENSITY (NO/CM\*\*3) 75.87  
LIQ. WATER CONTENT (GM/M\*\*3) .070

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	16.525
7.0 - 9.0	10.475
9.0 - 12.0	5.770
12.0 - 16.0	2.123
16.0 - 21.0	.357
21.0 - 28.0	.218
28.0 - 36.0	.115
36.0 - 47.0	.009
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 115  
DATE 25 JAN 1972  
TIME 15 49 40  
COUNTER NUMBER 2532

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 159.6  
AMBIENT TEMPERATURE (DEG K) 273.6  
  
SAMPLED VOLUME (CM\*\*3) 61.0  
SAMPLE INTERVAL (M) 797.9  
NUMBER DENSITY (NO/CM\*\*3) 91.85  
LIQ. WATER CONTENT (GM/M\*\*3) .073

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	17.486
7.0 - 9.0	11.549
9.0 - 12.0	8.607
12.0 - 16.0	3.436
16.0 - 21.0	.253
21.0 - 28.0	.166
28.0 - 36.0	.070
36.0 - 47.0	.009
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 116  
DATE 25 JAN 1972  
TIME 15 49 45  
COUNTER NUMBER 2536

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 157.0  
AMBIENT TEMPERATURE (DEG K) 274.1  
  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 791.5  
NUMBER DENSITY (NO/CM\*\*3) 31.43  
LIQ. WATER CONTENT (GM/M\*\*3) .039

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	10.789
7.0 - 9.0	3.800
9.0 - 12.0	.794
12.0 - 16.0	.504
16.0 - 21.0	.227
21.0 - 28.0	.148
28.0 - 36.0	.135
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 117  
DATE 25 JAN 1972  
TIME 15 49 50  
COUNTER NUMBER 2541

AIRCRAFT ALTITUDE (KM) 3.4  
AIRCRAFT VELOCITY (M/S) 157.0  
AMBIENT TEMPERATURE (DEG K) 274.0  
  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 785.1  
NUMBER DENSITY (NO/CM\*\*3) 94.48  
LIQ. WATER CONTENT (GM/M\*\*3) .015

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.400
7.0 - 9.0	.983
9.0 - 12.0	.139
12.0 - 16.0	.208
16.0 - 21.0	.060
21.0 - 28.0	.050
28.0 - 36.0	.065
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 118  
DATE 25 JAN 1972  
TIME 15 49 55  
COUNTER NUMBER 2545

AIRCRAFT ALTITUDE (KM) 3.4  
AIRCRAFT VELOCITY (M/S) 157.0  
AMBIENT TEMPERATURE (DEG K) 274.0  
  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 785.1  
NUMBER DENSITY (NO/CM\*\*3) 38.47  
LIQ. WATER CONTENT (GM/M\*\*3) .044

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	13.811
7.0 - 9.0	4.133
9.0 - 12.0	1.194
12.0 - 16.0	.558
16.0 - 21.0	.227
21.0 - 28.0	.252
28.0 - 36.0	.077
36.0 - 47.0	.014
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 119  
DATE 25 JAN 1972  
TIME 15 50 0  
COUNTER NUMBER 2549

AIRCRAFT ALTITUDE (KM) 3.4  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 274.6  
  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 778.6  
NUMBER DENSITY (NO/CM\*\*3) 27.28  
LIQ. WATER CONTENT (GM/M\*\*3) .034

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.444
7.0 - 9.0	2.675
9.0 - 12.0	1.006
12.0 - 16.0	.454
16.0 - 21.0	.300
21.0 - 28.0	.162
28.0 - 36.0	.019
36.0 - 47.0	.005
47.0 - 62.0	.007
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 120  
DATE 25 JAN 1972  
TIME 15 50 5  
COUNTER NUMBER 2553

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 275.0  
  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 759.3  
NUMBER DENSITY (NO/CM\*\*3) 34.71  
LIQ. WATER CONTENT (GM/M\*\*3) .037

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	12.069
7.0 - 9.0	3.983
9.0 - 12.0	1.149
12.0 - 16.0	.522
16.0 - 21.0	.269
21.0 - 28.0	.138
28.0 - 36.0	.086
36.0 - 47.0	.009
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

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FLIGHT NUMBER	007	121	FLIGHT NUMBER	007	122	FLIGHT NUMBER	007	123
DATE 25 JAN 1972			DATE 25 JAN 1972			DATE 25 JAN 1972		
TIME 15 50 10			TIME 15 50 15			TIME 15 50 20		
COUNTER NUMBER 2557			COUNTER NUMBER 2561			COUNTER NUMBER 2565		
AIRCRAFT ALTITUDE (KM)	3.4		AIRCRAFT ALTITUDE (KM)	3.4		AIRCRAFT ALTITUDE (KM)	3.4	
AIRCRAFT VELOCITY (M/S)	149.3		AIRCRAFT VELOCITY (M/S)	157.0		AIRCRAFT VELOCITY (M/S)	154.4	
AMBIENT TEMPERATURE (DEG K)	274.9		AMBIENT TEMPERATURE (DEG K)	275.7		AMBIENT TEMPERATURE (DEG K)	276.0	
SAMPLED VOLUME (CM**3)	58.0		SAMPLED VOLUME (CM**3)	60.0		SAMPLED VOLUME (CM**3)	60.0	
SAMPLE INTERVAL (M)	746.5		SAMPLE INTERVAL (M)	765.8		SAMPLE INTERVAL (M)	778.6	
NUMBER DENSITY (NO/CM**3)	49.24		NUMBER DENSITY (NO/CM**3)	36.77		NUMBER DENSITY (NO/CM**3)	5.25	
LIQ. WATER CONTENT (GM/M**3)	.051		LIQ. WATER CONTENT (GM/M**3)	.031		LIQ. WATER CONTENT (GM/M**3)	.007	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	8.000		5.5 - 7.0	11.622		5.5 - 7.0	1.622	
7.0 - 9.0	6.302		7.0 - 9.0	5.308		7.0 - 9.0	.492	
9.0 - 12.0	3.552		9.0 - 12.0	1.406		9.0 - 12.0	.156	
12.0 - 16.0	1.966		12.0 - 16.0	.442		12.0 - 16.0	.142	
16.0 - 21.0	.959		16.0 - 21.0	.227		16.0 - 21.0	.070	
21.0 - 28.0	.160		21.0 - 28.0	.162		21.0 - 28.0	.050	
28.0 - 36.0	.026		28.0 - 36.0	.058		28.0 - 36.0	.012	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	007	124	FLIGHT NUMBER	007	125	FLIGHT NUMBER	007	126
DATE 25 JAN 1972			DATE 25 JAN 1972			DATE 25 JAN 1972		
TIME 15 50 25			TIME 15 50 30			TIME 15 50 35		
COUNTER NUMBER 2569			COUNTER NUMBER 2573			COUNTER NUMBER 2577		
AIRCRAFT ALTITUDE (KM)	3.0		AIRCRAFT ALTITUDE (KM)	3.0		AIRCRAFT ALTITUDE (KM)	3.0	
AIRCRAFT VELOCITY (M/S)	154.4		AIRCRAFT VELOCITY (M/S)	154.4		AIRCRAFT VELOCITY (M/S)	154.4	
AMBIENT TEMPERATURE (DEG K)	276.2		AMBIENT TEMPERATURE (DEG K)	277.2		AMBIENT TEMPERATURE (DEG K)	277.7	
SAMPLED VOLUME (CM**3)	60.0		SAMPLED VOLUME (CM**3)	60.0		SAMPLED VOLUME (CM**3)	60.0	
SAMPLE INTERVAL (M)	772.2		SAMPLE INTERVAL (M)	772.2		SAMPLE INTERVAL (M)	772.2	
NUMBER DENSITY (NO/CM**3)	.30		NUMBER DENSITY (NO/CM**3)	.15		NUMBER DENSITY (NO/CM**3)	4.55	
LIQ. WATER CONTENT (GM/M**3)	.000		LIQ. WATER CONTENT (GM/M**3)	.000		LIQ. WATER CONTENT (GM/M**3)	.003	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.033		5.5 - 7.0	.067		5.5 - 7.0	.833	
7.0 - 9.0	.050		7.0 - 9.0	0.000		7.0 - 9.0	.517	
9.0 - 12.0	.033		9.0 - 12.0	0.000		9.0 - 12.0	.500	
12.0 - 16.0	.012		12.0 - 16.0	0.000		12.0 - 16.0	.192	
16.0 - 21.0	0.000		16.0 - 21.0	.010		16.0 - 21.0	0.000	
21.0 - 28.0	0.000		21.0 - 28.0	0.000		21.0 - 28.0	0.000	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	0.000	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	007	127	FLIGHT NUMBER	007	128	FLIGHT NUMBER	007	129
DATE 25 JAN 1972			DATE 25 JAN 1972			DATE 25 JAN 1972		
TIME 15 50 40			TIME 15 50 43			TIME 15 50 50		
COUNTER NUMBER 2582			COUNTER NUMBER 2584			COUNTER NUMBER 2590		
AIRCRAFT ALTITUDE (KM)	3.0		AIRCRAFT ALTITUDE (KM)	3.0		AIRCRAFT ALTITUDE (KM)	3.0	
AIRCRAFT VELOCITY (M/S)	154.4		AIRCRAFT VELOCITY (M/S)	154.4		AIRCRAFT VELOCITY (M/S)	154.4	
AMBIENT TEMPERATURE (DEG K)	278.6		AMBIENT TEMPERATURE (DEG K)	278.9		AMBIENT TEMPERATURE (DEG K)	279.2	
SAMPLED VOLUME (CM**3)	60.0		SAMPLED VOLUME (CM**3)	60.0		SAMPLED VOLUME (CM**3)	60.0	
SAMPLE INTERVAL (M)	772.2		SAMPLE INTERVAL (M)	463.3		SAMPLE INTERVAL (M)	1081.1	
NUMBER DENSITY (NO/CM**3)	9.30		NUMBER DENSITY (NO/CM**3)	2.58		NUMBER DENSITY (NO/CM**3)	3.13	
LIQ. WATER CONTENT (GM/M**3)	.004		LIQ. WATER CONTENT (GM/M**3)	.001		LIQ. WATER CONTENT (GM/M**3)	.003	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	3.611		5.5 - 7.0	.867		5.5 - 7.0	.933	
7.0 - 9.0	1.092		7.0 - 9.0	.517		7.0 - 9.0	.358	
9.0 - 12.0	.378		9.0 - 12.0	.083		9.0 - 12.0	.139	
12.0 - 16.0	.117		12.0 - 16.0	0.000		12.0 - 16.0	.063	
16.0 - 21.0	0.000		16.0 - 21.0	0.000		16.0 - 21.0	.030	
21.0 - 28.0	.014		21.0 - 28.0	0.000		21.0 - 28.0	.029	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	0.000	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	007	130	FLIGHT NUMBER	007	131	FLIGHT NUMBER	007	132
DATE 25 JAN 1972			DATE 25 JAN 1972			DATE 25 JAN 1972		
TIME 15 50 55			TIME 15 51 0			TIME 15 51 5		
COUNTER NUMBER 2594			COUNTER NUMBER 2598			COUNTER NUMBER 2603		
AIRCRAFT ALTITUDE (KM)	3.0		AIRCRAFT ALTITUDE (KM)	3.0		AIRCRAFT ALTITUDE (KM)	3.0	
AIRCRAFT VELOCITY (M/S)	154.4		AIRCRAFT VELOCITY (M/S)	159.6		AIRCRAFT VELOCITY (M/S)	157.0	
AMBIENT TEMPERATURE (DEG K)	279.3		AMBIENT TEMPERATURE (DEG K)	279.1		AMBIENT TEMPERATURE (DEG K)	279.3	
SAMPLED VOLUME (CM**3)	60.0		SAMPLED VOLUME (CM**3)	61.0		SAMPLED VOLUME (CM**3)	60.0	
SAMPLE INTERVAL (M)	772.2		SAMPLE INTERVAL (M)	785.1		SAMPLE INTERVAL (M)	791.5	
NUMBER DENSITY (NO/CM**3)	23.00		NUMBER DENSITY (NO/CM**3)	38.02		NUMBER DENSITY (NO/CM**3)	13.32	
LIQ. WATER CONTENT (GM/M**3)	.024		LIQ. WATER CONTENT (GM/M**3)	.045		LIQ. WATER CONTENT (GM/M**3)	.016	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	7.667		5.5 - 7.0	13.180		5.5 - 7.0	4.511	
7.0 - 9.0	2.883		7.0 - 9.0	3.861		7.0 - 9.0	1.375	
9.0 - 12.0	.639		9.0 - 12.0	1.639		9.0 - 12.0	.517	
12.0 - 16.0	.325		12.0 - 16.0	.537		12.0 - 16.0	.154	
16.0 - 21.0	.310		16.0 - 21.0	.305		16.0 - 21.0	.133	
21.0 - 28.0	.081		21.0 - 28.0	.138		21.0 - 28.0	.102	
28.0 - 36.0	.037		28.0 - 36.0	.102		28.0 - 36.0	.025	
36.0 - 47.0	.009		36.0 - 47.0	.009		36.0 - 47.0	.005	
47.0 - 62.0	0.000		47.0 - 62.0	.003		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	

FLIGHT NUMBER 007 133  
DATE 25 JAN 1972  
TIME 15 51 10  
COUNTER NUMBER 2606

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 279.2

SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 778.6  
NUMBER DENSITY (NO/CM\*\*3) 18.68  
LIQ. WATER CONTENT (GM/M\*\*3) .020

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	6.278
7.0 - 9.0	1.975
9.0 - 12.0	.761
12.0 - 16.0	.296
16.0 - 21.0	.153
21.0 - 28.0	.095
28.0 - 36.0	.052
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 134  
DATE 25 JAN 1972  
TIME 15 51 15  
COUNTER NUMBER 2610

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 279.0

SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 6.50  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.078
7.0 - 9.0	.800
9.0 - 12.0	.294
12.0 - 16.0	.063
16.0 - 21.0	0.000
21.0 - 28.0	.050
28.0 - 36.0	.031
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 135  
DATE 25 JAN 1972  
TIME 15 51 20  
COUNTER NUMBER 2614

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 157.0  
AMBIENT TEMPERATURE (DEG K) 279.3

SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 778.6  
NUMBER DENSITY (NO/CM\*\*3) 3.87  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.389
7.0 - 9.0	.542
9.0 - 12.0	.050
12.0 - 16.0	.050
16.0 - 21.0	.020
21.0 - 28.0	.021
28.0 - 36.0	.012
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 136  
DATE 25 JAN 1972  
TIME 15 51 25  
COUNTER NUMBER 2618

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 279.8

SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 778.6  
NUMBER DENSITY (NO/CM\*\*3) 14.00  
LIQ. WATER CONTENT (GM/M\*\*3) .015

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.133
7.0 - 9.0	1.092
9.0 - 12.0	.672
12.0 - 16.0	.337
16.0 - 21.0	.030
21.0 - 28.0	.029
28.0 - 36.0	.044
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 137  
DATE 25 JAN 1972  
TIME 15 51 30  
COUNTER NUMBER 2623

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 279.7

SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 24.27  
LIQ. WATER CONTENT (GM/M\*\*3) .038

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.711
7.0 - 9.0	2.208
9.0 - 12.0	.761
12.0 - 16.0	.467
16.0 - 21.0	.260
21.0 - 28.0	.110
28.0 - 36.0	.052
36.0 - 47.0	.009
47.0 - 62.0	0.000
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 007 138  
DATE 25 JAN 1972  
TIME 15 51 35  
COUNTER NUMBER 2627

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 151.9  
AMBIENT TEMPERATURE (DEG K) 280.0

SAMPLED VOLUME (CM\*\*3) 59.0  
SAMPLE INTERVAL (M) 765.8  
NUMBER DENSITY (NO/CM\*\*3) 92.69  
LIQ. WATER CONTENT (GM/M\*\*3) .131

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	29.412
7.0 - 9.0	11.305
9.0 - 12.0	3.565
12.0 - 16.0	1.945
16.0 - 21.0	.593
21.0 - 28.0	.332
28.0 - 36.0	.212
36.0 - 47.0	.032
47.0 - 62.0	.007
62.0 - 82.0	0.000
82.0 - 108.0	.002

FLIGHT NUMBER 007 139  
DATE 25 JAN 1972  
TIME 15 51 40  
COUNTER NUMBER 2631

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 157.0  
AMBIENT TEMPERATURE (DEG K) 280.0

SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 83.90  
LIQ. WATER CONTENT (GM/M\*\*3) .187

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	19.267
7.0 - 9.0	8.433
9.0 - 12.0	2.828
12.0 - 16.0	2.629
16.0 - 21.0	1.583
21.0 - 28.0	.981
28.0 - 36.0	.512
36.0 - 47.0	.023
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 140  
DATE 25 JAN 1972  
TIME 15 51 45  
COUNTER NUMBER 2635

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 157.0  
AMBIENT TEMPERATURE (DEG K) 279.5

SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 785.1  
NUMBER DENSITY (NO/CM\*\*3) 166.97  
LIQ. WATER CONTENT (GM/M\*\*3) .686

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	24.856
7.0 - 9.0	10.417
9.0 - 12.0	6.317
12.0 - 16.0	5.025
16.0 - 21.0	4.977
21.0 - 28.0	3.831
28.0 - 36.0	2.148
36.0 - 47.0	.065
47.0 - 62.0	.007
62.0 - 82.0	.005
82.0 - 108.0	0.000

FLIGHT NUMBER 007 141  
DATE 25 JAN 1972  
TIME 15 51 50  
COUNTER NUMBER 2639

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 151.9  
AMBIENT TEMPERATURE (DEG K) 279.7

SAMPLED VOLUME (CM\*\*3) 59.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 194.54  
LIQ. WATER CONTENT (GM/M\*\*3) .559

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	41.412
7.0 - 9.0	16.975
9.0 - 12.0	5.825
12.0 - 16.0	4.076
16.0 - 21.0	4.586
21.0 - 28.0	4.327
28.0 - 36.0	1.409
36.0 - 47.0	.018
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 142  
DATE 25 JAN 1972  
TIME 15 51 55  
COUNTER NUMBER 2644

AIRCRAFT ALTITUDE (KM) 2.4  
AIRCRAFT VELOCITY (M/S) 157.6  
AMBIENT TEMPERATURE (DEG K) 279.8

SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 277.78  
LIQ. WATER CONTENT (GM/M\*\*3) .249

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	76.067
7.0 - 9.0	35.883
9.0 - 12.0	14.283
12.0 - 16.0	6.546
16.0 - 21.0	2.810
21.0 - 28.0	.995
28.0 - 36.0	.162
36.0 - 47.0	.042
47.0 - 62.0	.007
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 143  
DATE 25 JAN 1972  
TIME 15 52 0  
COUNTER NUMBER 2648

AIRCRAFT ALTITUDE (KM) 2.4  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 279.4

SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 778.6  
NUMBER DENSITY (NO/CM\*\*3) 329.27  
LIQ. WATER CONTENT (GM/M\*\*3) .398

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	93.333
7.0 - 9.0	41.167
9.0 - 12.0	14.372
12.0 - 16.0	6.600
16.0 - 21.0	3.917
21.0 - 28.0	1.867
28.0 - 36.0	.506
36.0 - 47.0	.042
47.0 - 62.0	.013
62.0 - 82.0	0.000
82.0 - 108.0	.002

FLIGHT NUMBER 007 144  
DATE 25 JAN 1972  
TIME 15 52 5  
COUNTER NUMBER 2652

AIRCRAFT ALTITUDE (KM) 2.4  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 279.2

SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 103.80  
LIQ. WATER CONTENT (GM/M\*\*3) .106

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	31.978
7.0 - 9.0	12.292
9.0 - 12.0	4.861
12.0 - 16.0	1.692
16.0 - 21.0	1.060
21.0 - 28.0	.460
28.0 - 36.0	.142
36.0 - 47.0	.018
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 145  
DATE 25 JAN 1972  
TIME 15 52 10  
COUNTER NUMBER 2656

AIRCRAFT ALTITUDE (KM) 2.4  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 279.2  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 213.97  
LIQ. WATER CONTENT (GM/M\*\*3) .442

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	49.789
7.0 - 9.0	20.800
9.0 - 12.0	8.367
12.0 - 16.0	5.063
16.0 - 21.0	4.250
21.0 - 28.0	3.764
28.0 - 36.0	.521
36.0 - 47.0	.038
47.0 - 62.0	.007
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 007 146  
DATE 25 JAN 1972  
TIME 15 52 15  
COUNTER NUMBER 2660

AIRCRAFT ALTITUDE (KM) 2.4  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 279.5  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 413.88  
LIQ. WATER CONTENT (GM/M\*\*3) .394

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	114.089
7.0 - 9.0	53.717
9.0 - 12.0	19.633
12.0 - 16.0	8.971
16.0 - 21.0	4.987
21.0 - 28.0	1.800
28.0 - 36.0	.325
36.0 - 47.0	.023
47.0 - 62.0	.007
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 007 147  
DATE 25 JAN 1972  
TIME 15 52 20  
COUNTER NUMBER 2664

AIRCRAFT ALTITUDE (KM) 2.4  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 279.1  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 223.43  
LIQ. WATER CONTENT (GM/M\*\*3) .480

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	57.878
7.0 - 9.0	22.858
9.0 - 12.0	6.822
12.0 - 16.0	4.504
16.0 - 21.0	4.227
21.0 - 28.0	3.026
28.0 - 36.0	1.198
36.0 - 47.0	.042
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 148  
DATE 25 JAN 1972  
TIME 15 52 25  
COUNTER NUMBER 2668

AIRCRAFT ALTITUDE (KM) 2.4  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 279.2  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 292.52  
LIQ. WATER CONTENT (GM/M\*\*3) .508

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	87.422
7.0 - 9.0	33.775
9.0 - 12.0	9.883
12.0 - 16.0	5.246
16.0 - 21.0	3.153
21.0 - 28.0	2.055
28.0 - 36.0	.936
36.0 - 47.0	.141
47.0 - 62.0	.020
62.0 - 82.0	.005
82.0 - 108.0	0.000

FLIGHT NUMBER 007 149  
DATE 25 JAN 1972  
TIME 15 52 30  
COUNTER NUMBER 2672

AIRCRAFT ALTITUDE (KM) 2.4  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 279.5  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 153.60  
LIQ. WATER CONTENT (GM/M\*\*3) .172

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	47.256
7.0 - 9.0	17.392
9.0 - 12.0	6.456
12.0 - 16.0	3.162
16.0 - 21.0	1.667
21.0 - 28.0	.848
28.0 - 36.0	.169
36.0 - 47.0	.009
47.0 - 62.0	.010
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 007 150  
DATE 25 JAN 1972  
TIME 15 52 35  
COUNTER NUMBER 2676

AIRCRAFT ALTITUDE (KM) 2.4  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 279.5  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 15.72  
LIQ. WATER CONTENT (GM/M\*\*3) .020

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.856
7.0 - 9.0	1.742
9.0 - 12.0	.533
12.0 - 16.0	.337
16.0 - 21.0	.187
21.0 - 28.0	.102
28.0 - 36.0	.037
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 151  
DATE 25 JAN 1972  
TIME 15 52 40  
COUNTER NUMBER 2680

AIRCRAFT ALTITUDE (KM) 2.4  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 279.7  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 15.73  
LIQ. WATER CONTENT (GM/M\*\*3) .015

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.100
7.0 - 9.0	1.692
9.0 - 12.0	.833
12.0 - 16.0	.246
16.0 - 21.0	.133
21.0 - 28.0	.029
28.0 - 36.0	.044
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 152  
DATE 25 JAN 1972  
TIME 15 52 45  
COUNTER NUMBER 2685

AIRCRAFT ALTITUDE (KM) 2.4  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 279.7  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 759.3  
NUMBER DENSITY (NO/CM\*\*3) 19.12  
LIQ. WATER CONTENT (GM/M\*\*3) .029

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	7.218
7.0 - 9.0	1.853
9.0 - 12.0	.466
12.0 - 16.0	.280
16.0 - 21.0	.193
21.0 - 28.0	.076
28.0 - 36.0	.039
36.0 - 47.0	.019
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 153  
DATE 25 JAN 1972  
TIME 15 52 50  
COUNTER NUMBER 2689

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 280.6  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 746.5  
NUMBER DENSITY (NO/CM\*\*3) .72  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.138
7.0 - 9.0	.052
9.0 - 12.0	.103
12.0 - 16.0	.013
16.0 - 21.0	0.000
21.0 - 28.0	.007
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 154  
DATE 25 JAN 1972  
TIME 15 52 55  
COUNTER NUMBER 2693

AIRCRAFT ALTITUDE (KM) 2.4  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 281.1  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 746.5  
NUMBER DENSITY (NO/CM\*\*3) 1.47  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.460
7.0 - 9.0	.181
9.0 - 12.0	.034
12.0 - 16.0	.026
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	.013
36.0 - 47.0	.005
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 155  
DATE 25 JAN 1972  
TIME 15 53 0  
COUNTER NUMBER 2697

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 282.0  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 746.5  
NUMBER DENSITY (NO/CM\*\*3) 10.83  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.195
7.0 - 9.0	.914
9.0 - 12.0	.374
12.0 - 16.0	.198
16.0 - 21.0	.097
21.0 - 28.0	.007
28.0 - 36.0	.026
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 156  
DATE 25 JAN 1972  
TIME 15 53 5  
COUNTER NUMBER 2702

AIRCRAFT ALTITUDE (KM) 2.4  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 281.8  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 759.3  
NUMBER DENSITY (NO/CM\*\*3) 24.47  
LIQ. WATER CONTENT (GM/M\*\*3) .042

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.778
7.0 - 9.0	2.500
9.0 - 12.0	.950
12.0 - 16.0	.246
16.0 - 21.0	.123
21.0 - 28.0	.148
28.0 - 36.0	.058
36.0 - 47.0	.023
47.0 - 62.0	.007
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER	007	157	FLIGHT NUMBER	007	158	FLIGHT NUMBER	007	159
DATE 25 JAN 1972			DATE 25 JAN 1972			DATE 25 JAN 1972		
TIME 15 53 10			TIME 15 53 15			TIME 15 53 20		
COUNTER NUMBER 2706			COUNTER NUMBER 2710			COUNTER NUMBER 2714		
AIRCRAFT ALTITUDE (KM)	2.4		AIRCRAFT ALTITUDE (KM)	2.4		AIRCRAFT ALTITUDE (KM)	2.4	
AIRCRAFT VELOCITY (M/S)	154.4		AIRCRAFT VELOCITY (M/S)	154.4		AIRCRAFT VELOCITY (M/S)	154.4	
AMBIENT TEMPERATURE (DEG K)	281.8		AMBIENT TEMPERATURE (DEG K)	281.7		AMBIENT TEMPERATURE (DEG K)	281.6	
SAMPLED VOLUME (CM**3)	60.0		SAMPLED VOLUME (CM**3)	60.0		SAMPLED VOLUME (CM**3)	60.0	
SAMPLE INTERVAL (M)	772.2		SAMPLE INTERVAL (M)	772.2		SAMPLE INTERVAL (M)	772.2	
NUMBER DENSITY (NO/CM**3)	11.08		NUMBER DENSITY (NO/CM**3)	193.25		NUMBER DENSITY (NO/CM**3)	60.02	
LIG. WATER CONTENT (GM/M**3)	.030		LIG. WATER CONTENT (GM/M**3)	.543		LIG. WATER CONTENT (GM/M**3)	.192	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	0.000		5.5 - 7.0	49.400		5.5 - 7.0	18.889	
7.0 - 9.0	2.625		7.0 - 9.0	15.100		7.0 - 9.0	5.700	
9.0 - 12.0	.867		9.0 - 12.0	6.644		9.0 - 12.0	2.083	
12.0 - 16.0	.283		12.0 - 16.0	4.087		12.0 - 16.0	1.054	
16.0 - 21.0	.207		16.0 - 21.0	3.633		16.0 - 21.0	.583	
21.0 - 28.0	.050		21.0 - 28.0	3.110		21.0 - 28.0	.467	
28.0 - 36.0	.058		28.0 - 36.0	1.444		28.0 - 36.0	.319	
36.0 - 47.0	.018		36.0 - 47.0	.076		36.0 - 47.0	.076	
47.0 - 62.0	.003		47.0 - 62.0	.020		47.0 - 62.0	.013	
62.0 - 82.0	0.000		62.0 - 82.0	.002		62.0 - 82.0	.002	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	007	160	FLIGHT NUMBER	007	161	FLIGHT NUMBER	007	162
DATE 25 JAN 1972			DATE 25 JAN 1972			DATE 25 JAN 1972		
TIME 15 53 25			TIME 15 53 30			TIME 15 53 35		
COUNTER NUMBER 2718			COUNTER NUMBER 2722			COUNTER NUMBER 2726		
AIRCRAFT ALTITUDE (KM)	2.1		AIRCRAFT ALTITUDE (KM)	2.1		AIRCRAFT ALTITUDE (KM)	2.1	
AIRCRAFT VELOCITY (M/S)	154.4		AIRCRAFT VELOCITY (M/S)	154.4		AIRCRAFT VELOCITY (M/S)	154.4	
AMBIENT TEMPERATURE (DEG K)	281.7		AMBIENT TEMPERATURE (DEG K)	282.1		AMBIENT TEMPERATURE (DEG K)	281.9	
SAMPLED VOLUME (CM**3)	60.0		SAMPLED VOLUME (CM**3)	60.0		SAMPLED VOLUME (CM**3)	60.0	
SAMPLE INTERVAL (M)	772.2		SAMPLE INTERVAL (M)	772.2		SAMPLE INTERVAL (M)	772.2	
NUMBER DENSITY (NO/CM**3)	120.25		NUMBER DENSITY (NO/CM**3)	179.70		NUMBER DENSITY (NO/CM**3)	272.23	
LIG. WATER CONTENT (GM/M**3)	.330		LIG. WATER CONTENT (GM/M**3)	.266		LIG. WATER CONTENT (GM/M**3)	.620	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	33.156		5.5 - 7.0	57.533		5.5 - 7.0	75.167	
7.0 - 9.0	11.558		7.0 - 9.0	22.258		7.0 - 9.0	27.733	
9.0 - 12.0	3.956		9.0 - 12.0	7.167		9.0 - 12.0	9.250	
12.0 - 16.0	1.992		12.0 - 16.0	2.979		12.0 - 16.0	5.950	
16.0 - 21.0	1.570		16.0 - 21.0	1.270		16.0 - 21.0	3.697	
21.0 - 28.0	1.495		21.0 - 28.0	.698		21.0 - 28.0	2.760	
28.0 - 36.0	1.348		28.0 - 36.0	.246		28.0 - 36.0	1.465	
36.0 - 47.0	.056		36.0 - 47.0	.170		36.0 - 47.0	.236	
47.0 - 62.0	.013		47.0 - 62.0	.023		47.0 - 62.0	.020	
62.0 - 82.0	.002		62.0 - 82.0	0.000		62.0 - 82.0	.002	
82.0 - 108.0	0.000		82.0 - 108.0	.002		82.0 - 108.0	0.000	
FLIGHT NUMBER	007	163	FLIGHT NUMBER	007	164	FLIGHT NUMBER	007	165
DATE 25 JAN 1972			DATE 25 JAN 1972			DATE 25 JAN 1972		
TIME 15 53 40			TIME 15 53 45			TIME 15 53 50		
COUNTER NUMBER 2731			COUNTER NUMBER 2735			COUNTER NUMBER 2739		
AIRCRAFT ALTITUDE (KM)	2.1		AIRCRAFT ALTITUDE (KM)	1.8		AIRCRAFT ALTITUDE (KM)	1.8	
AIRCRAFT VELOCITY (M/S)	154.4		AIRCRAFT VELOCITY (M/S)	154.4		AIRCRAFT VELOCITY (M/S)	154.4	
AMBIENT TEMPERATURE (DEG K)	282.0		AMBIENT TEMPERATURE (DEG K)	282.0		AMBIENT TEMPERATURE (DEG K)	281.9	
SAMPLED VOLUME (CM**3)	60.0		SAMPLED VOLUME (CM**3)	60.0		SAMPLED VOLUME (CM**3)	60.0	
SAMPLE INTERVAL (M)	772.2		SAMPLE INTERVAL (M)	772.2		SAMPLE INTERVAL (M)	772.2	
NUMBER DENSITY (NO/CM**3)	166.98		NUMBER DENSITY (NO/CM**3)	75.15		NUMBER DENSITY (NO/CM**3)	35.67	
LIG. WATER CONTENT (GM/M**3)	.387		LIG. WATER CONTENT (GM/M**3)	.104		LIG. WATER CONTENT (GM/M**3)	.034	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	22.456		5.5 - 7.0	25.511		5.5 - 7.0	11.733	
7.0 - 9.0	9.917		7.0 - 9.0	9.683		7.0 - 9.0	5.358	
9.0 - 12.0	3.089		9.0 - 12.0	2.378		9.0 - 12.0	.833	
12.0 - 16.0	11.833		12.0 - 16.0	1.313		12.0 - 16.0	.546	
16.0 - 21.0	10.217		16.0 - 21.0	.373		16.0 - 21.0	.290	
21.0 - 28.0	.571		21.0 - 28.0	.238		21.0 - 28.0	.102	
28.0 - 36.0	.077		28.0 - 36.0	.071		28.0 - 36.0	.031	
36.0 - 47.0	.061		36.0 - 47.0	.076		36.0 - 47.0	.023	
47.0 - 62.0	.023		47.0 - 62.0	.010		47.0 - 62.0	0.000	
62.0 - 82.0	.005		62.0 - 82.0	.002		62.0 - 82.0	0.000	
82.0 - 108.0	.002		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	007	166	FLIGHT NUMBER	007	167	FLIGHT NUMBER	007	168
DATE 25 JAN 1972			DATE 25 JAN 1972			DATE 25 JAN 1972		
TIME 15 53 55			TIME 15 54 0			TIME 15 54 5		
COUNTER NUMBER 2743			COUNTER NUMBER 2747			COUNTER NUMBER 2751		
AIRCRAFT ALTITUDE (KM)	1.5		AIRCRAFT ALTITUDE (KM)	1.5		AIRCRAFT ALTITUDE (KM)	1.5	
AIRCRAFT VELOCITY (M/S)	154.4		AIRCRAFT VELOCITY (M/S)	154.4		AIRCRAFT VELOCITY (M/S)	154.4	
AMBIENT TEMPERATURE (DEG K)	282.0		AMBIENT TEMPERATURE (DEG K)	282.3		AMBIENT TEMPERATURE (DEG K)	282.7	
SAMPLED VOLUME (CM**3)	60.0		SAMPLED VOLUME (CM**3)	60.0		SAMPLED VOLUME (CM**3)	60.0	
SAMPLE INTERVAL (M)	772.2		SAMPLE INTERVAL (M)	772.2		SAMPLE INTERVAL (M)	772.2	
NUMBER DENSITY (NO/CM**3)	17.43		NUMBER DENSITY (NO/CM**3)	43.20		NUMBER DENSITY (NO/CM**3)	9.63	
LIG. WATER CONTENT (GM/M**3)	.036		LIG. WATER CONTENT (GM/M**3)	.045		LIG. WATER CONTENT (GM/M**3)	.052	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	5.967		5.5 - 7.0	12.844		5.5 - 7.0	0.000	
7.0 - 9.0	2.208		7.0 - 9.0	6.767		7.0 - 9.0	3.092	
9.0 - 12.0	.533		9.0 - 12.0	2.322		9.0 - 12.0	.711	
12.0 - 16.0	.192		12.0 - 16.0	.442		12.0 - 16.0	.012	
16.0 - 21.0	.083		16.0 - 21.0	.050		16.0 - 21.0	.103	
21.0 - 28.0	.050		21.0 - 28.0	.095		21.0 - 28.0	.050	
28.0 - 36.0	.058		28.0 - 36.0	.044		28.0 - 36.0	.019	
36.0 - 47.0	.038		36.0 - 47.0	.027		36.0 - 47.0	.005	
47.0 - 62.0	.003		47.0 - 62.0	.007		47.0 - 62.0	.007	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	.002	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	.002	

FLIGHT NUMBER 007  
DATE 25 JAN 1972  
TIME 15 54 10  
COUNTER NUMBER 2755

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 283.0  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 772.2  
NUMBER DENSITY (NO/CM\*\*3) 30.30  
LIQ. WATER CONTENT (GM/M\*\*3) .039

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	10.478
7.0 - 9.0	3.775
9.0 - 12.0	.989
12.0 - 16.0	.337
16.0 - 21.0	.260
21.0 - 28.0	.110
28.0 - 36.0	.031
36.0 - 47.0	.032
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007  
DATE 25 JAN 1972  
TIME 15 54 16  
COUNTER NUMBER 2760

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 283.1  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 926.6  
NUMBER DENSITY (NO/CM\*\*3) 2.93  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.933
7.0 - 9.0	.417
9.0 - 12.0	.117
12.0 - 16.0	.025
16.0 - 21.0	.020
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	.005
47.0 - 62.0	.007
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007  
DATE 25 JAN 1972  
TIME 15 54 20  
COUNTER NUMBER 2764

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 284.0  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 607.5  
NUMBER DENSITY (NO/CM\*\*3) 5.55  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.506
7.0 - 9.0	.612
9.0 - 12.0	.339
12.0 - 16.0	.108
16.0 - 21.0	.062
21.0 - 28.0	.007
28.0 - 36.0	.019
36.0 - 47.0	.009
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007  
DATE 25 JAN 1972  
TIME 15 54 25  
COUNTER NUMBER 2766

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 284.3  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 746.5  
NUMBER DENSITY (NO/CM\*\*3) 249.19  
LIQ. WATER CONTENT (GM/M\*\*3) .853

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	40.517
7.0 - 9.0	18.474
9.0 - 12.0	6.787
12.0 - 16.0	3.125
16.0 - 21.0	9.372
21.0 - 28.0	8.929
28.0 - 36.0	1.097
36.0 - 47.0	.028
47.0 - 62.0	.010
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007  
DATE 25 JAN 1972  
TIME 15 54 30  
COUNTER NUMBER 2772

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 284.5  
SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 759.3  
NUMBER DENSITY (NO/CM\*\*3) 91.90  
LIQ. WATER CONTENT (GM/M\*\*3) .240

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	26.833
7.0 - 9.0	12.158
9.0 - 12.0	3.211
12.0 - 16.0	1.104
16.0 - 21.0	.977
21.0 - 28.0	.631
28.0 - 36.0	.292
36.0 - 47.0	.089
47.0 - 62.0	.031
62.0 - 82.0	.007
82.0 - 108.0	.002

FLIGHT NUMBER 007  
DATE 25 JAN 1972  
TIME 15 54 35  
COUNTER NUMBER 2776

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 151.9  
AMBIENT TEMPERATURE (DEG K) 284.4  
SAMPLED VOLUME (CM\*\*3) 59.0  
SAMPLE INTERVAL (M) 765.8  
NUMBER DENSITY (NO/CM\*\*3) 399.92  
LIQ. WATER CONTENT (GM/M\*\*3) .746

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	119.977
7.0 - 9.0	52.856
9.0 - 12.0	16.153
12.0 - 16.0	6.992
16.0 - 21.0	2.847
21.0 - 28.0	1.443
28.0 - 36.0	.873
36.0 - 47.0	.394
47.0 - 62.0	.127
62.0 - 82.0	.010
82.0 - 108.0	.002

FLIGHT NUMBER 007  
DATE 25 JAN 1972  
TIME 15 54 40  
COUNTER NUMBER 2760

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 151.9  
AMBIENT TEMPERATURE (DEG K) 283.6  
SAMPLED VOLUME (CM\*\*3) 59.0  
SAMPLE INTERVAL (M) 759.3  
NUMBER DENSITY (NO/CM\*\*3) 159.03  
LIQ. WATER CONTENT (GM/M\*\*3) .311

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	51.412
7.0 - 9.0	22.000
9.0 - 12.0	5.650
12.0 - 16.0	2.331
16.0 - 21.0	.868
21.0 - 28.0	.278
28.0 - 36.0	.303
36.0 - 47.0	.177
47.0 - 62.0	.049
62.0 - 82.0	.010
82.0 - 108.0	.002

FLIGHT NUMBER 007  
DATE 25 JAN 1972  
TIME 15 54 45  
COUNTER NUMBER 2785

AIRCRAFT ALTITUDE (KM) 1.5  
AIRCRAFT VELOCITY (M/S) 151.9  
AMBIENT TEMPERATURE (DEG K) 283.8  
SAMPLED VOLUME (CM\*\*3) 59.0  
SAMPLE INTERVAL (M) 759.3  
NUMBER DENSITY (NO/CM\*\*3) 316.41  
LIQ. WATER CONTENT (GM/M\*\*3) .953

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	92.226
7.0 - 9.0	41.492
9.0 - 12.0	12.638
12.0 - 16.0	5.492
16.0 - 21.0	2.159
21.0 - 28.0	1.073
28.0 - 36.0	.733
36.0 - 47.0	.703
47.0 - 62.0	.186
62.0 - 82.0	.015
82.0 - 108.0	.008

FLIGHT NUMBER 007  
DATE 25 JAN 1972  
TIME 15 54 50  
COUNTER NUMBER 2789

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 283.8  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 752.9  
NUMBER DENSITY (NO/CM\*\*3) 209.28  
LIQ. WATER CONTENT (GM/M\*\*3) .410

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	66.586
7.0 - 9.0	26.638
9.0 - 12.0	8.868
12.0 - 16.0	2.853
16.0 - 21.0	1.217
21.0 - 28.0	.584
28.0 - 36.0	.504
36.0 - 47.0	.254
47.0 - 62.0	.053
62.0 - 82.0	.016
82.0 - 108.0	0.000

FLIGHT NUMBER 007  
DATE 25 JAN 1972  
TIME 15 54 55  
COUNTER NUMBER 2793

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 283.8  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 746.5  
NUMBER DENSITY (NO/CM\*\*3) 17.22  
LIQ. WATER CONTENT (GM/M\*\*3) .029

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.126
7.0 - 9.0	2.448
9.0 - 12.0	.644
12.0 - 16.0	.241
16.0 - 21.0	.172
21.0 - 28.0	.052
28.0 - 36.0	.032
36.0 - 47.0	.014
47.0 - 62.0	.007
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007  
DATE 25 JAN 1972  
TIME 15 55 0  
COUNTER NUMBER 2797

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 284.1  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 746.5  
NUMBER DENSITY (NO/CM\*\*3) 260.24  
LIQ. WATER CONTENT (GM/M\*\*3) .511

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	81.241
7.0 - 9.0	32.190
9.0 - 12.0	11.207
12.0 - 16.0	3.810
16.0 - 21.0	1.917
21.0 - 28.0	.815
28.0 - 36.0	.539
36.0 - 47.0	.376
47.0 - 62.0	.090
62.0 - 82.0	0.000
82.0 - 108.0	.002

FLIGHT NUMBER 007  
DATE 25 JAN 1972  
TIME 15 55 5  
COUNTER NUMBER 2801

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 284.3  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 746.5  
NUMBER DENSITY (NO/CM\*\*3) 55.16  
LIQ. WATER CONTENT (GM/M\*\*3) .105

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	18.782
7.0 - 9.0	6.759
9.0 - 12.0	2.224
12.0 - 16.0	.672
16.0 - 21.0	.331
21.0 - 28.0	.131
28.0 - 36.0	.026
36.0 - 47.0	.083
47.0 - 62.0	.024
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 007 181  
DATE 25 JAN 1972  
TIME 15 55 10  
COUNTER NUMBER 2805

AIRCRAFT ALTITUDE (KM) 1.2  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 284.5  
  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 746.5  
NUMBER DENSITY (NO/CM\*\*3) 163.47  
LIG. WATER CONTENT (GM/M\*\*3) .286

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	50.529
7.0 - 9.0	21.681
9.0 - 12.0	5.816
12.0 - 16.0	2.543
16.0 - 21.0	1.390
21.0 - 28.0	.677
28.0 - 36.0	.330
36.0 - 47.0	.132
47.0 - 62.0	.057
62.0 - 82.0	.003
82.0 - 106.0	0.000

FLIGHT NUMBER 007 182  
DATE 25 JAN 1972  
TIME 15 55 15  
COUNTER NUMBER 2809

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 146.7  
AMBIENT TEMPERATURE (DEG K) 285.1  
  
SAMPLED VOLUME (CM\*\*3) 57.0  
SAMPLE INTERVAL (M) 740.0  
NUMBER DENSITY (NO/CM\*\*3) 304.65  
LIG. WATER CONTENT (GM/M\*\*3) .558

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	68.632
7.0 - 9.0	33.579
9.0 - 12.0	11.766
12.0 - 16.0	12.908
16.0 - 21.0	6.863
21.0 - 28.0	.830
28.0 - 36.0	.465
36.0 - 47.0	.254
47.0 - 62.0	.058
62.0 - 82.0	.003
82.0 - 108.0	.002

FLIGHT NUMBER 007 183  
DATE 25 JAN 1972  
TIME 15 55 25  
COUNTER NUMBER 2817

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 285.3  
  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 1486.0  
NUMBER DENSITY (NO/CM\*\*3) 202.16  
LIG. WATER CONTENT (GM/M\*\*3) .395

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	58.506
7.0 - 9.0	25.483
9.0 - 12.0	9.172
12.0 - 16.0	2.694
16.0 - 21.0	.097
21.0 - 28.0	2.833
28.0 - 36.0	.282
36.0 - 47.0	.146
47.0 - 62.0	.061
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 007 184  
DATE 25 JAN 1972  
TIME 15 55 30  
COUNTER NUMBER 2824

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 285.6  
  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 746.5  
NUMBER DENSITY (NO/CM\*\*3) 149.28  
LIG. WATER CONTENT (GM/M\*\*3) .222

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	48.920
7.0 - 9.0	19.957
9.0 - 12.0	5.529
12.0 - 16.0	1.897
16.0 - 21.0	.883
21.0 - 28.0	.515
28.0 - 36.0	.222
36.0 - 47.0	.141
47.0 - 62.0	.024
62.0 - 82.0	.005
82.0 - 108.0	0.000

FLIGHT NUMBER 007 185  
DATE 25 JAN 1972  
TIME 15 55 35  
COUNTER NUMBER 2826

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 285.9  
  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 746.5  
NUMBER DENSITY (NO/CM\*\*3) 124.17  
LIG. WATER CONTENT (GM/M\*\*3) .234

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	42.414
7.0 - 9.0	15.698
9.0 - 12.0	4.075
12.0 - 16.0	1.856
16.0 - 21.0	.786
21.0 - 28.0	.291
28.0 - 36.0	.175
36.0 - 47.0	.118
47.0 - 62.0	.039
62.0 - 82.0	.013
82.0 - 108.0	0.000

FLIGHT NUMBER 007 186  
DATE 25 JAN 1972  
TIME 15 55 40  
COUNTER NUMBER 2830

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 149.3  
AMBIENT TEMPERATURE (DEG K) 286.1  
  
SAMPLED VOLUME (CM\*\*3) 58.0  
SAMPLE INTERVAL (M) 746.5  
NUMBER DENSITY (NO/CM\*\*3) 146.76  
LIG. WATER CONTENT (GM/M\*\*3) .259

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	47.264
7.0 - 9.0	19.448
9.0 - 12.0	5.402
12.0 - 16.0	2.086
16.0 - 21.0	1.000
21.0 - 28.0	.308
28.0 - 36.0	.308
36.0 - 47.0	.176
47.0 - 62.0	.057
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 187  
DATE 25 JAN 1972  
TIME 15 55 45  
COUNTER NUMBER 2834

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 286.3  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 727.2  
NUMBER DENSITY (NO/CM\*\*3) 62.70  
LIG. WATER CONTENT (GM/M\*\*3) .118

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	19.262
7.0 - 9.0	8.786
9.0 - 12.0	2.190
12.0 - 16.0	.835
16.0 - 21.0	.521
21.0 - 28.0	.222
28.0 - 36.0	.145
36.0 - 47.0	.045
47.0 - 62.0	.033
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 188  
DATE 25 JAN 1972  
TIME 15 55 51  
COUNTER NUMBER 2839

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 287.3  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 849.4  
NUMBER DENSITY (NO/CM\*\*3) 2.63  
LIG. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.512
7.0 - 9.0	.330
9.0 - 12.0	.149
12.0 - 16.0	.054
16.0 - 21.0	.075
21.0 - 28.0	.008
28.0 - 36.0	.013
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 189  
DATE 25 JAN 1972  
TIME 15 55 55  
COUNTER NUMBER 2843

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 288.2  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 566.3  
NUMBER DENSITY (NO/CM\*\*3) 1.46  
LIG. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.369
7.0 - 9.0	.188
9.0 - 12.0	.071
12.0 - 16.0	.027
16.0 - 21.0	.011
21.0 - 28.0	.008
28.0 - 36.0	.007
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 190  
DATE 25 JAN 1972  
TIME 15 56 0  
COUNTER NUMBER 2847

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 288.8  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 707.8  
NUMBER DENSITY (NO/CM\*\*3) 2.41  
LIG. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.738
7.0 - 9.0	.357
9.0 - 12.0	.107
12.0 - 16.0	0.000
16.0 - 21.0	.054
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 191  
DATE 25 JAN 1972  
TIME 15 56 5  
COUNTER NUMBER 2851

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 289.1  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 707.8  
NUMBER DENSITY (NO/CM\*\*3) 14.71  
LIG. WATER CONTENT (GM/M\*\*3) .039

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.500
7.0 - 9.0	1.973
9.0 - 12.0	.571
12.0 - 16.0	.165
16.0 - 21.0	.111
21.0 - 28.0	.064
28.0 - 36.0	.027
36.0 - 47.0	.029
47.0 - 62.0	.004
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 007 192  
DATE 25 JAN 1972  
TIME 15 56 10  
COUNTER NUMBER 2855

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 289.1  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 707.8  
NUMBER DENSITY (NO/CM\*\*3) 16.48  
LIG. WATER CONTENT (GM/M\*\*3) .051

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.536
7.0 - 9.0	2.089
9.0 - 12.0	.685
12.0 - 16.0	.415
16.0 - 21.0	.111
21.0 - 28.0	.054
28.0 - 36.0	.040
36.0 - 47.0	.029
47.0 - 62.0	.011
62.0 - 82.0	.003
82.0 - 108.0	0.000

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FLIGHT NUMBER 007 193  
DATE 25 JAN 1972  
TIME 15 56 15  
COUNTER NUMBER 2859

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 141.6  
AMBIENT TEMPERATURE (DEG K) 289.2  
  
SAMPLED VOLUME (CM\*\*3) 56.0  
SAMPLE INTERVAL (M) 707.8  
NUMBER DENSITY (NO/CM\*\*3) 50.54  
LIQ. WATER CONTENT (GM/M\*\*3) .157

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	16.143
7.0 - 9.0	6.723
9.0 - 12.0	1.655
12.0 - 16.0	.763
16.0 - 21.0	.421
21.0 - 26.0	.117
26.0 - 36.0	.069
36.0 - 47.0	.050
47.0 - 62.0	.044
62.0 - 82.0	.005
82.0 - 108.0	.002

FLIGHT NUMBER 007 194  
DATE 25 JAN 1972  
TIME 15 56 20  
COUNTER NUMBER 2863

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 139.0  
AMBIENT TEMPERATURE (DEG K) 289.3  
  
SAMPLED VOLUME (CM\*\*3) 55.0  
SAMPLE INTERVAL (M) 701.4  
NUMBER DENSITY (NO/CM\*\*3) 74.73  
LIQ. WATER CONTENT (GM/M\*\*3) .576

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	19.200
7.0 - 9.0	9.227
9.0 - 12.0	3.291
12.0 - 16.0	.950
16.0 - 21.0	.589
21.0 - 26.0	.356
26.0 - 36.0	.361
36.0 - 47.0	.273
47.0 - 62.0	.125
62.0 - 82.0	.011
82.0 - 108.0	.015

FLIGHT NUMBER 007 195  
DATE 25 JAN 1972  
TIME 15 56 25  
COUNTER NUMBER 2867

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 136.4  
AMBIENT TEMPERATURE (DEG K) 289.1  
  
SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 688.5  
NUMBER DENSITY (NO/CM\*\*3) 70.50  
LIQ. WATER CONTENT (GM/M\*\*3) .317

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	19.938
7.0 - 9.0	9.426
9.0 - 12.0	2.623
12.0 - 16.0	1.083
16.0 - 21.0	.541
21.0 - 26.0	.246
26.0 - 36.0	.280
36.0 - 47.0	.104
47.0 - 62.0	.084
62.0 - 82.0	.023
82.0 - 108.0	0.000

FLIGHT NUMBER 007 196  
DATE 25 JAN 1972  
TIME 15 56 31  
COUNTER NUMBER 2872

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 131.3  
AMBIENT TEMPERATURE (DEG K) 286.0  
  
SAMPLED VOLUME (CM\*\*3) 53.0  
SAMPLE INTERVAL (M) 603.1  
NUMBER DENSITY (NO/CM\*\*3) 142.68  
LIQ. WATER CONTENT (GM/M\*\*3) .341

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	41.195
7.0 - 9.0	18.953
9.0 - 12.0	6.994
12.0 - 16.0	2.269
16.0 - 21.0	1.083
21.0 - 26.0	.353
26.0 - 36.0	.212
36.0 - 47.0	.182
47.0 - 62.0	.070
62.0 - 82.0	.011
82.0 - 108.0	.002

FLIGHT NUMBER 007 197  
DATE 25 JAN 1972  
TIME 15 56 36  
COUNTER NUMBER 2876

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 287.6  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 649.9  
NUMBER DENSITY (NO/CM\*\*3) 226.35  
LIQ. WATER CONTENT (GM/M\*\*3) 1.209

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	54.167
7.0 - 9.0	29.327
9.0 - 12.0	10.692
12.0 - 16.0	4.505
16.0 - 21.0	1.573
21.0 - 26.0	1.140
26.0 - 36.0	.764
36.0 - 47.0	.797
47.0 - 62.0	.304
62.0 - 82.0	.044
82.0 - 108.0	.007

FLIGHT NUMBER 007 198  
DATE 25 JAN 1972  
TIME 15 56 40  
COUNTER NUMBER 2880

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 126.7  
AMBIENT TEMPERATURE (DEG K) 287.6  
  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 514.8  
NUMBER DENSITY (NO/CM\*\*3) 340.13  
LIQ. WATER CONTENT (GM/M\*\*3) .639

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	86.487
7.0 - 9.0	48.192
9.0 - 12.0	17.263
12.0 - 16.0	6.952
16.0 - 21.0	2.896
21.0 - 26.0	1.423
26.0 - 36.0	.697
36.0 - 47.0	.212
47.0 - 62.0	.112
62.0 - 82.0	.020
82.0 - 108.0	0.000

FLIGHT NUMBER 007 199  
DATE 25 JAN 1972  
TIME 15 56 45  
COUNTER NUMBER 2884

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 286.3  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 637.1  
NUMBER DENSITY (NO/CM\*\*3) 343.86  
LIQ. WATER CONTENT (GM/M\*\*3) 1.795

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	76.706
7.0 - 9.0	40.255
9.0 - 12.0	16.111
12.0 - 16.0	7.902
16.0 - 21.0	2.890
21.0 - 26.0	2.126
26.0 - 36.0	1.606
36.0 - 47.0	1.285
47.0 - 62.0	.420
62.0 - 82.0	.055
82.0 - 108.0	.002

FLIGHT NUMBER 007 200  
DATE 25 JAN 1972  
TIME 15 56 50  
COUNTER NUMBER 2886

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 287.8  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 624.2  
NUMBER DENSITY (NO/CM\*\*3) 184.29  
LIQ. WATER CONTENT (GM/M\*\*3) 1.212

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	44.719
7.0 - 9.0	21.814
9.0 - 12.0	8.170
12.0 - 16.0	3.583
16.0 - 21.0	1.090
21.0 - 26.0	1.050
26.0 - 36.0	1.025
36.0 - 47.0	.740
47.0 - 62.0	.310
62.0 - 82.0	.033
82.0 - 108.0	.011

FLIGHT NUMBER 007 201  
DATE 25 JAN 1972  
TIME 15 56 55  
COUNTER NUMBER 2892

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 288.1  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 624.2  
NUMBER DENSITY (NO/CM\*\*3) 113.31  
LIQ. WATER CONTENT (GM/M\*\*3) 1.343

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	21.242
7.0 - 9.0	11.088
9.0 - 12.0	4.248
12.0 - 16.0	1.941
16.0 - 21.0	1.518
21.0 - 26.0	.927
26.0 - 36.0	.971
36.0 - 47.0	1.012
47.0 - 62.0	.314
62.0 - 82.0	.033
82.0 - 108.0	.016

FLIGHT NUMBER 007 202  
DATE 25 JAN 1972  
TIME 15 57 0  
COUNTER NUMBER 2897

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 288.2  
  
SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 624.2  
NUMBER DENSITY (NO/CM\*\*3) 14.86  
LIQ. WATER CONTENT (GM/M\*\*3) .246

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.266
7.0 - 9.0	1.343
9.0 - 12.0	.464
12.0 - 16.0	.275
16.0 - 21.0	.096
21.0 - 26.0	.095
26.0 - 36.0	.159
36.0 - 47.0	.082
47.0 - 62.0	.077
62.0 - 82.0	.009
82.0 - 108.0	.005

FLIGHT NUMBER 007 203  
DATE 25 JAN 1972  
TIME 15 57 5  
COUNTER NUMBER 2900

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 288.4  
  
SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 611.3  
NUMBER DENSITY (NO/CM\*\*3) 8.00  
LIQ. WATER CONTENT (GM/M\*\*3) .058

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.080
7.0 - 9.0	.840
9.0 - 12.0	.373
12.0 - 16.0	.125
16.0 - 21.0	.060
21.0 - 26.0	.026
26.0 - 36.0	.030
36.0 - 47.0	.056
47.0 - 62.0	.012
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 007 204  
DATE 25 JAN 1972  
TIME 15 57 10  
COUNTER NUMBER 2904

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 289.1  
  
SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 604.9  
NUMBER DENSITY (NO/CM\*\*3) 2.08  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.493
7.0 - 9.0	.460
9.0 - 12.0	.060
12.0 - 16.0	.015
16.0 - 21.0	.012
21.0 - 26.0	.009
26.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 205  
DATE 25 JAN 1972  
TIME 15 57 15  
COUNTER NUMBER 2908

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 289.3

SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 604.9  
NUMBER DENSITY (NO/CM\*\*3) 3.18  
LIQ. WATER CONTENT (GM/M\*\*3) .039

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.667
7.0 - 9.0	.370
9.0 - 12.0	.120
12.0 - 16.0	.075
16.0 - 21.0	.060
21.0 - 28.0	.034
28.0 - 36.0	.007
36.0 - 47.0	.005
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 106.0	.002

FLIGHT NUMBER 007 206  
DATE 25 JAN 1972  
TIME 15 57 20  
COUNTER NUMBER 2912

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 289.5

SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 604.9  
NUMBER DENSITY (NO/CM\*\*3) 2.32  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.573
7.0 - 9.0	.280
9.0 - 12.0	.060
12.0 - 16.0	.030
16.0 - 21.0	.012
21.0 - 28.0	.026
28.0 - 36.0	.022
36.0 - 47.0	.011
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 207  
DATE 25 JAN 1972  
TIME 15 57 25  
COUNTER NUMBER 2916

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 289.5

SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 604.9  
NUMBER DENSITY (NO/CM\*\*3) 2.82  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.867
7.0 - 9.0	.340
9.0 - 12.0	.020
12.0 - 16.0	.090
16.0 - 21.0	.024
21.0 - 28.0	.009
28.0 - 36.0	.015
36.0 - 47.0	.011
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 208  
DATE 25 JAN 1972  
TIME 15 57 30  
COUNTER NUMBER 2924

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 290.5

SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 604.9  
NUMBER DENSITY (NO/CM\*\*3) 3.06  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.453
7.0 - 9.0	.430
9.0 - 12.0	.187
12.0 - 16.0	.030
16.0 - 21.0	.036
21.0 - 28.0	.026
28.0 - 36.0	.037
36.0 - 47.0	.016
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 209  
DATE 25 JAN 1972  
TIME 15 57 35  
COUNTER NUMBER 2925

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 291.0

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 611.3  
NUMBER DENSITY (NO/CM\*\*3) 2.45  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.484
7.0 - 9.0	.392
9.0 - 12.0	.078
12.0 - 16.0	.029
16.0 - 21.0	.047
21.0 - 28.0	0.000
28.0 - 36.0	.022
36.0 - 47.0	.016
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 210  
DATE 25 JAN 1972  
TIME 15 57 40  
COUNTER NUMBER 2929

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 291.2

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 617.8  
NUMBER DENSITY (NO/CM\*\*3) 2.59  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.444
7.0 - 9.0	.490
9.0 - 12.0	.137
12.0 - 16.0	.015
16.0 - 21.0	.024
21.0 - 28.0	.008
28.0 - 36.0	.029
36.0 - 47.0	0.000
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 211  
DATE 25 JAN 1972  
TIME 15 57 45  
COUNTER NUMBER 2930

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 290.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 617.8  
NUMBER DENSITY (NO/CM\*\*3) .47  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.235
7.0 - 9.0	0.000
9.0 - 12.0	.039
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 212  
DATE 25 JAN 1972  
TIME 15 57 50  
COUNTER NUMBER 2937

AIRCRAFT ALTITUDE (KM) .3  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 290.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 617.8  
NUMBER DENSITY (NO/CM\*\*3) .47  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.157
7.0 - 9.0	.059
9.0 - 12.0	.039
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 213  
DATE 25 JAN 1972  
TIME 16 2 30  
COUNTER NUMBER 3119

AIRCRAFT ALTITUDE (KM) 2.4  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 287.5

SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .25  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.075
9.0 - 12.0	.017
12.0 - 16.0	.012
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 214  
DATE 25 JAN 1972  
TIME 16 2 32  
COUNTER NUMBER 3124

AIRCRAFT ALTITUDE (KM) 2.4  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 287.6

SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 308.9  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.033
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 215  
DATE 25 JAN 1972  
TIME 16 2 35  
COUNTER NUMBER 3124

AIRCRAFT ALTITUDE (KM) 2.4  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 287.4

SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 463.3  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.033
7.0 - 9.0	.025
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 007 216  
DATE 25 JAN 1972  
TIME 16 2 38  
COUNTER NUMBER 3127

AIRCRAFT ALTITUDE (KM) 2.4  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 287.7

SAMPLED VOLUME (CM\*\*3) 60.0  
SAMPLE INTERVAL (M) 463.3  
NUMBER DENSITY (NO/CM\*\*3) 2.42  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.833
7.0 - 9.0	.258
9.0 - 12.0	.100
12.0 - 16.0	.025
16.0 - 21.0	.010
21.0 - 28.0	.014
28.0 - 36.0	.006
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

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FLIGHT NUMBER 007 217  
DATE 25 JAN 1972  
TIME 16 2 42  
COUNTER NUMBER 3129

AIRCRAFT ALTITUDE (KM) 2.4  
AIRCRAFT VELOCITY (M/S) 154.4  
AMBIENT TEMPERATURE (DEG K) 287.5

SAMPLED VOLUME (CM\*\*3) 120.0  
SAMPLE INTERVAL (M) 617.8  
NUMBER DENSITY (NO/CM\*\*3) 1.95  
LIC. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.433
7.0 - 9.0	.192
9.0 - 12.0	.111
12.0 - 16.0	.083
16.0 - 21.0	.010
21.0 - 28.0	.021
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 218  
DATE 25 JAN 1972  
TIME 16 2 45  
COUNTER NUMBER 3132

AIRCRAFT ALTITUDE (KM) 2.4  
AIRCRAFT VELOCITY (M/S) 159.6  
AMBIENT TEMPERATURE (DEG K) 287.5

SAMPLED VOLUME (CM\*\*3) 61.0  
SAMPLE INTERVAL (M) 471.0  
NUMBER DENSITY (NO/CM\*\*3) 4.77  
LIC. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.290
7.0 - 9.0	.615
9.0 - 12.0	.169
12.0 - 16.0	.164
16.0 - 21.0	.059
21.0 - 28.0	.021
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 219  
DATE 25 JAN 1972  
TIME 16 2 48  
COUNTER NUMBER 3135

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 159.6  
AMBIENT TEMPERATURE (DEG K) 286.8

SAMPLED VOLUME (CM\*\*3) 61.0  
SAMPLE INTERVAL (M) 478.8  
NUMBER DENSITY (NO/CM\*\*3) 7.98  
LIC. WATER CONTENT (GM/M\*\*3) .013

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.142
7.0 - 9.0	.918
9.0 - 12.0	.322
12.0 - 16.0	.189
16.0 - 21.0	.092
21.0 - 28.0	.073
28.0 - 36.0	.025
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 220  
DATE 25 JAN 1972  
TIME 16 2 52  
COUNTER NUMBER 3138

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 162.2  
AMBIENT TEMPERATURE (DEG K) 286.0

SAMPLED VOLUME (CM\*\*3) 62.0  
SAMPLE INTERVAL (M) 643.5  
NUMBER DENSITY (NO/CM\*\*3) 38.84  
LIC. WATER CONTENT (GM/M\*\*3) .055

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	10.677
7.0 - 9.0	5.387
9.0 - 12.0	1.812
12.0 - 16.0	.677
16.0 - 21.0	.413
21.0 - 28.0	.136
28.0 - 36.0	.069
36.0 - 47.0	.018
47.0 - 62.0	.010
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 221  
DATE 25 JAN 1972  
TIME 16 2 55  
COUNTER NUMBER 3141

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 162.2  
AMBIENT TEMPERATURE (DEG K) 285.1

SAMPLED VOLUME (CM\*\*3) 124.0  
SAMPLE INTERVAL (M) 486.5  
NUMBER DENSITY (NO/CM\*\*3) 21.84  
LIC. WATER CONTENT (GM/M\*\*3) .027

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	8.446
7.0 - 9.0	2.089
9.0 - 12.0	.806
12.0 - 16.0	.244
16.0 - 21.0	.140
21.0 - 28.0	.071
28.0 - 36.0	.031
36.0 - 47.0	.009
47.0 - 62.0	.002
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 007 222  
DATE 25 JAN 1972  
TIME 16 2 59  
COUNTER NUMBER 3143

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 285.2

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 658.9  
NUMBER DENSITY (NO/CM\*\*3) 35.79  
LIC. WATER CONTENT (GM/M\*\*3) .054

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	10.677
7.0 - 9.0	4.484
9.0 - 12.0	1.550
12.0 - 16.0	.644
16.0 - 21.0	.305
21.0 - 28.0	.154
28.0 - 36.0	.062
36.0 - 47.0	.017
47.0 - 62.0	.003
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 007 223  
DATE 25 JAN 1972  
TIME 16 3 3  
COUNTER NUMBER 3146

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 284.7

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 609.2  
NUMBER DENSITY (NO/CM\*\*3) 5.40  
LIC. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.354
7.0 - 9.0	.714
9.0 - 12.0	.243
12.0 - 16.0	.083
16.0 - 21.0	.127
21.0 - 28.0	.014
28.0 - 36.0	.012
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 224  
DATE 25 JAN 1972  
TIME 16 3 6  
COUNTER NUMBER 3149

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 284.0

SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 501.9  
NUMBER DENSITY (NO/CM\*\*3) 27.87  
LIC. WATER CONTENT (GM/M\*\*3) .033

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	9.026
7.0 - 9.0	3.444
9.0 - 12.0	.889
12.0 - 16.0	.369
16.0 - 21.0	.337
21.0 - 28.0	.141
28.0 - 36.0	.067
36.0 - 47.0	.009
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 225  
DATE 25 JAN 1972  
TIME 16 3 10  
COUNTER NUMBER 3152

AIRCRAFT ALTITUDE (KM) 2.7  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 284.0

SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 674.4  
NUMBER DENSITY (NO/CM\*\*3) 37.23  
LIC. WATER CONTENT (GM/M\*\*3) .057

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	10.510
7.0 - 9.0	5.000
9.0 - 12.0	1.542
12.0 - 16.0	.828
16.0 - 21.0	.378
21.0 - 28.0	.145
28.0 - 36.0	.049
36.0 - 47.0	.013
47.0 - 62.0	0.000
62.0 - 82.0	.005
82.0 - 108.0	0.000

FLIGHT NUMBER 007 226  
DATE 25 JAN 1972  
TIME 16 3 13  
COUNTER NUMBER 3155

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 283.4

SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 509.7  
NUMBER DENSITY (NO/CM\*\*3) 110.59  
LIC. WATER CONTENT (GM/M\*\*3) .119

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	31.927
7.0 - 9.0	15.039
9.0 - 12.0	5.875
12.0 - 16.0	2.707
16.0 - 21.0	1.237
21.0 - 28.0	.342
28.0 - 36.0	.158
36.0 - 47.0	.021
47.0 - 62.0	.006
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 227  
DATE 25 JAN 1972  
TIME 16 3 16  
COUNTER NUMBER 3157

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 172.5  
AMBIENT TEMPERATURE (DEG K) 282.5

SAMPLED VOLUME (CM\*\*3) 65.0  
SAMPLE INTERVAL (M) 513.5  
NUMBER DENSITY (NO/CM\*\*3) 48.12  
LIC. WATER CONTENT (GM/M\*\*3) .087

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	15.128
7.0 - 9.0	5.769
9.0 - 12.0	2.195
12.0 - 16.0	.804
16.0 - 21.0	.345
21.0 - 28.0	.143
28.0 - 36.0	.071
36.0 - 47.0	.043
47.0 - 62.0	.018
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 007 228  
DATE 25 JAN 1972  
TIME 16 3 20  
COUNTER NUMBER 3160

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 282.3

SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 684.7  
NUMBER DENSITY (NO/CM\*\*3) .05  
LIC. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.031
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

ORIGINAL PAGE IS  
OF POOR QUALITY

FLIGHT NUMBER 007 229  
DATE 25 JAN 1972  
TIME 16 3 23  
COUNTER NUMBER 3163

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 282.3  
  
SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 509.7  
NUMBER DENSITY (NO/CM\*\*3) 4.72  
LIQ. WATER CONTENT (GM/M\*\*3) .014

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.708
7.0 - 9.0	.461
9.0 - 12.0	.177
12.0 - 16.0	.180
16.0 - 21.0	.166
21.0 - 28.0	.047
28.0 - 36.0	.035
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 230  
DATE 25 JAN 1972  
TIME 16 3 26  
COUNTER NUMBER 3165

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 169.9  
AMBIENT TEMPERATURE (DEG K) 282.3  
  
SAMPLED VOLUME (CM\*\*3) 64.0  
SAMPLE INTERVAL (M) 509.7  
NUMBER DENSITY (NO/CM\*\*3) 43.70  
LIQ. WATER CONTENT (GM/M\*\*3) .095

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	10.083
7.0 - 9.0	3.805
9.0 - 12.0	1.578
12.0 - 16.0	1.172
16.0 - 21.0	1.122
21.0 - 28.0	.641
28.0 - 36.0	.158
36.0 - 47.0	.017
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 231  
DATE 25 JAN 1972  
TIME 16 3 31  
COUNTER NUMBER 3170

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 164.7  
AMBIENT TEMPERATURE (DEG K) 282.0  
  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 858.5  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.032
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.012
16.0 - 21.0	.029
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 232  
DATE 25 JAN 1972  
TIME 16 3 35  
COUNTER NUMBER 3173

AIRCRAFT ALTITUDE (KM) 3.0  
AIRCRAFT VELOCITY (M/S) 164.7  
AMBIENT TEMPERATURE (DEG K) 282.4  
  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 658.9  
NUMBER DENSITY (NO/CM\*\*3) 6.11  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.775
7.0 - 9.0	.595
9.0 - 12.0	.265
12.0 - 16.0	.210
16.0 - 21.0	.046
21.0 - 28.0	.034
28.0 - 36.0	.018
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 233  
DATE 25 JAN 1972  
TIME 16 3 38  
COUNTER NUMBER 3176

AIRCRAFT ALTITUDE (KM) 3.4  
AIRCRAFT VELOCITY (M/S) 162.2  
AMBIENT TEMPERATURE (DEG K) 282.5  
  
SAMPLED VOLUME (CM\*\*3) 62.0  
SAMPLE INTERVAL (M) 490.3  
NUMBER DENSITY (NO/CM\*\*3) 23.94  
LIQ. WATER CONTENT (GM/M\*\*3) .032

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.871
7.0 - 9.0	3.250
9.0 - 12.0	.919
12.0 - 16.0	.706
16.0 - 21.0	.371
21.0 - 28.0	.115
28.0 - 36.0	.036
36.0 - 47.0	.004
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 234  
DATE 25 JAN 1972  
TIME 16 3 42  
COUNTER NUMBER 3179

AIRCRAFT ALTITUDE (KM) 3.4  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 282.5  
  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 658.9  
NUMBER DENSITY (NO/CM\*\*3) 16.11  
LIQ. WATER CONTENT (GM/M\*\*3) .019

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	4.624
7.0 - 9.0	2.302
9.0 - 12.0	.640
12.0 - 16.0	.246
16.0 - 21.0	.108
21.0 - 28.0	.104
28.0 - 36.0	.050
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 235  
DATE 25 JAN 1972  
TIME 16 3 45  
COUNTER NUMBER 3181

AIRCRAFT ALTITUDE (KM) 3.4  
AIRCRAFT VELOCITY (M/S) 164.7  
AMBIENT TEMPERATURE (DEG K) 282.3  
  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 498.1  
NUMBER DENSITY (NO/CM\*\*3) 73.87  
LIQ. WATER CONTENT (GM/M\*\*3) .092

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	15.471
7.0 - 9.0	5.302
9.0 - 12.0	9.735
12.0 - 16.0	1.361
16.0 - 21.0	.305
21.0 - 28.0	.381
28.0 - 36.0	.105
36.0 - 47.0	.026
47.0 - 62.0	.006
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 236  
DATE 25 JAN 1972  
TIME 16 3 48  
COUNTER NUMBER 3184

AIRCRAFT ALTITUDE (KM) 3.4  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 280.7  
  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 498.1  
NUMBER DENSITY (NO/CM\*\*3) 82.43  
LIQ. WATER CONTENT (GM/M\*\*3) .150

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	20.000
7.0 - 9.0	10.810
9.0 - 12.0	3.487
12.0 - 16.0	1.921
16.0 - 21.0	1.051
21.0 - 28.0	.737
28.0 - 36.0	.167
36.0 - 47.0	.066
47.0 - 62.0	.013
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 237  
DATE 25 JAN 1972  
TIME 16 3 52  
COUNTER NUMBER 3187

AIRCRAFT ALTITUDE (KM) 3.4  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 279.8  
  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 669.2  
NUMBER DENSITY (NO/CM\*\*3) 68.49  
LIQ. WATER CONTENT (GM/M\*\*3) .063

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	21.492
7.0 - 9.0	10.190
9.0 - 12.0	1.735
12.0 - 16.0	1.401
16.0 - 21.0	.533
21.0 - 28.0	.218
28.0 - 36.0	.085
36.0 - 47.0	.013
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 238  
DATE 25 JAN 1972  
TIME 16 3 55  
COUNTER NUMBER 3190

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 324.3  
AMBIENT TEMPERATURE (DEG K) 279.9  
  
SAMPLED VOLUME (CM\*\*3) 109.0  
SAMPLE INTERVAL (M) 737.5  
NUMBER DENSITY (NO/CM\*\*3) 33.74  
LIQ. WATER CONTENT (GM/M\*\*3) .026

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	10.110
7.0 - 9.0	5.977
9.0 - 12.0	1.385
12.0 - 16.0	.314
16.0 - 21.0	.103
21.0 - 28.0	.060
28.0 - 36.0	.024
36.0 - 47.0	.005
47.0 - 62.0	0.000
62.0 - 82.0	.001
82.0 - 108.0	0.000

FLIGHT NUMBER 007 239  
DATE 25 JAN 1972  
TIME 16 3 59  
COUNTER NUMBER 3193

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 279.9  
  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 983.3  
NUMBER DENSITY (NO/CM\*\*3) 13.44  
LIQ. WATER CONTENT (GM/M\*\*3) .024

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.778
7.0 - 9.0	.865
9.0 - 12.0	.725
12.0 - 16.0	.742
16.0 - 21.0	.594
21.0 - 28.0	.120
28.0 - 36.0	.012
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 240  
DATE 25 JAN 1972  
TIME 16 4 2  
COUNTER NUMBER 3196

AIRCRAFT ALTITUDE (KM) 3.7  
AIRCRAFT VELOCITY (M/S) 167.3  
AMBIENT TEMPERATURE (DEG K) 279.6  
  
SAMPLED VOLUME (CM\*\*3) 63.0  
SAMPLE INTERVAL (M) 501.9  
NUMBER DENSITY (NO/CM\*\*3) 32.49  
LIQ. WATER CONTENT (GM/M\*\*3) .018

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	5.058
7.0 - 9.0	5.897
9.0 - 12.0	3.651
12.0 - 16.0	.159
16.0 - 21.0	.305
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 16 4 16 COUNTER NUMBER 3207	241	FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 16 4 20 COUNTER NUMBER 3210	242	FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 16 4 24 COUNTER NUMBER 3213	243
AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	4.0 169.9 279.7	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	4.0 172.5 279.6	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	4.0 175.0 279.5
SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	64.0 2360.4 9.77 .007	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	65.0 684.7 30.45 .043	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	66.0 695.0 47.20 .125
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	1.781 1.313 .651 .473 .116 .007 0.000 0.000 0.000 0.000 0.000	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	1.662 3.169 2.067 2.512 .892 .116 .012 0.000 0.000 0.000 0.000	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	7.758 3.000 .990 1.432 2.273 1.325 .028 0.000 0.000 0.000 0.000
FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 16 4 28 COUNTER NUMBER 3217	244	FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 16 4 32 COUNTER NUMBER 3220	245	FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 16 4 36 COUNTER NUMBER 3223	246
AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	4.3 175.0 279.5	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	4.3 175.0 279.9	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	4.3 175.0 279.6
SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	66.0 700.1 60.38 .154	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	66.0 700.1 57.06 .162	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	66.0 700.1 1.62 .006
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	6.495 1.346 4.939 1.845 2.982 1.541 .006 0.000 0.000 0.000 0.000	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	8.929 3.758 .944 1.989 2.403 1.840 .059 0.000 0.000 0.000 0.000	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	.343 .091 .141 .045 .009 .032 0.000 0.000 0.003 0.000 0.000
FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 16 4 38 COUNTER NUMBER 3225	247	FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 16 4 41 COUNTER NUMBER 3227	248	FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 16 4 44 COUNTER NUMBER 3230	249
AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	4.3 177.6 279.3	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	4.3 177.6 279.2	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	4.3 175.0 276.7
SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	66.0 352.6 18.00 .030	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	66.0 532.8 580.83 .853	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	66.0 529.0 998.70 1.212
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	4.293 2.386 .833 .352 .227 .175 .053 .006 0.000 0.000 0.000	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	139.859 72.485 29.606 19.500 8.000 4.206 .953 .124 .040 .009 .002	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	226.828 133.000 57.955 28.110 11.970 4.816 1.271 .132 .040 .016 .002
FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 16 4 48 COUNTER NUMBER 3233	250	FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 16 4 51 COUNTER NUMBER 3236	251	FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 16 4 55 COUNTER NUMBER 3239	252
AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	4.6 175.0 275.0	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	4.6 172.5 274.1	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	4.6 175.0 273.3
SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	66.0 700.1 *01.85 1.277	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	65.0 521.2 506.72 .716	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	66.0 695.0 13.71 .042
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	220.667 138.561 58.172 26.595 13.094 4.816 1.259 .211 .060 .016 .002	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	125.600 70.577 23.974 11.619 6.209 2.822 .990 .126 .026 .012 .002	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	3.495 2.008 .611 .318 .103 .061 .023 .012 .003 0.000 .002

FLIGHT NUMBER 007 253  
DATE 25 JAN 1972  
TIME 16 5 0  
COUNTER NUMBER 3243

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 272.8

SAMPLED VOLUME (CM\*\*3) 66.0  
SAMPLE INTERVAL (M) 875.2  
NUMBER DENSITY (NO/CM\*\*3) 14.71  
LIQ. WATER CONTENT (GM/M\*\*3) .024

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	3.596
7.0 - 9.0	1.917
9.0 - 12.0	.788
12.0 - 16.0	.284
16.0 - 21.0	.161
21.0 - 28.0	.108
28.0 - 36.0	.047
36.0 - 47.0	0.000
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 254  
DATE 25 JAN 1972  
TIME 16 5 1  
COUNTER NUMBER 3244

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 272.6

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 177.6  
NUMBER DENSITY (NO/CM\*\*3) 6.01  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.080
7.0 - 9.0	.530
9.0 - 12.0	.323
12.0 - 16.0	.056
16.0 - 21.0	.075
21.0 - 28.0	.026
28.0 - 36.0	.011
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 255  
DATE 25 JAN 1972  
TIME 16 5 5  
COUNTER NUMBER 3247

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 274.4

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 720.7  
NUMBER DENSITY (NO/CM\*\*3) 12.90  
LIQ. WATER CONTENT (GM/M\*\*3) .045

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	2.945
7.0 - 9.0	1.724
9.0 - 12.0	.527
12.0 - 16.0	.347
16.0 - 21.0	.128
21.0 - 28.0	.126
28.0 - 36.0	.039
36.0 - 47.0	.016
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	.002

FLIGHT NUMBER 007 256  
DATE 25 JAN 1972  
TIME 16 5 8  
COUNTER NUMBER 3250

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 273.6

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 540.5  
NUMBER DENSITY (NO/CM\*\*3) 189.90  
LIQ. WATER CONTENT (GM/M\*\*3) .245

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	50.776
7.0 - 9.0	25.022
9.0 - 12.0	7.413
12.0 - 16.0	4.918
16.0 - 21.0	2.591
21.0 - 28.0	.832
28.0 - 36.0	.261
36.0 - 47.0	.058
47.0 - 62.0	.012
62.0 - 82.0	.004
82.0 - 108.0	0.000

FLIGHT NUMBER 007 257  
DATE 25 JAN 1972  
TIME 16 5 11  
COUNTER NUMBER 3252

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 273.5

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 540.5  
NUMBER DENSITY (NO/CM\*\*3) 183.43  
LIQ. WATER CONTENT (GM/M\*\*3) .387

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	44.030
7.0 - 9.0	20.843
9.0 - 12.0	5.826
12.0 - 16.0	4.396
16.0 - 21.0	4.009
21.0 - 28.0	2.098
28.0 - 36.0	.519
36.0 - 47.0	.126
47.0 - 62.0	.025
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 258  
DATE 25 JAN 1972  
TIME 16 5 15  
COUNTER NUMBER 3255

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 273.6

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 720.7  
NUMBER DENSITY (NO/CM\*\*3) 108.78  
LIQ. WATER CONTENT (GM/M\*\*3) .148

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	28.169
7.0 - 9.0	13.172
9.0 - 12.0	5.254
12.0 - 16.0	2.541
16.0 - 21.0	1.379
21.0 - 28.0	.765
28.0 - 36.0	.187
36.0 - 47.0	.042
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 259  
DATE 25 JAN 1972  
TIME 16 5 17  
COUNTER NUMBER 3257

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 272.1

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 360.4  
NUMBER DENSITY (NO/CM\*\*3) .27  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.030
7.0 - 9.0	.045
9.0 - 12.0	.030
12.0 - 16.0	.011
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 260  
DATE 25 JAN 1972  
TIME 16 5 18  
COUNTER NUMBER 3258

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 272.5

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 180.2  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.022
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 261  
DATE 25 JAN 1972  
TIME 16 5 21  
COUNTER NUMBER 3260

AIRCRAFT ALTITUDE (KM) 4.6  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 272.8

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 540.5  
NUMBER DENSITY (NO/CM\*\*3) 4.37  
LIQ. WATER CONTENT (GM/M\*\*3) .021

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	1.025
7.0 - 9.0	.716
9.0 - 12.0	.075
12.0 - 16.0	.034
16.0 - 21.0	.036
21.0 - 28.0	.026
28.0 - 36.0	.058
36.0 - 47.0	.016
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 262  
DATE 25 JAN 1972  
TIME 16 5 23  
COUNTER NUMBER 3262

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 272.9

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 360.4  
NUMBER DENSITY (NO/CM\*\*3) 145.49  
LIQ. WATER CONTENT (GM/M\*\*3) .214

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	38.557
7.0 - 9.0	18.351
9.0 - 12.0	6.592
12.0 - 16.0	3.358
16.0 - 21.0	1.743
21.0 - 28.0	.765
28.0 - 36.0	.267
36.0 - 47.0	.136
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 263  
DATE 25 JAN 1972  
TIME 16 5 26  
COUNTER NUMBER 3264

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 272.9

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 540.5  
NUMBER DENSITY (NO/CM\*\*3) .09  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.022
9.0 - 12.0	0.000
12.0 - 16.0	.011
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 264  
DATE 25 JAN 1972  
TIME 16 5 28  
COUNTER NUMBER 3266

AIRCRAFT ALTITUDE (KM) 4.9  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 272.8

SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 360.4  
NUMBER DENSITY (NO/CM\*\*3) .40  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.030
7.0 - 9.0	.067
9.0 - 12.0	.015
12.0 - 16.0	.022
16.0 - 21.0	.009
21.0 - 28.0	0.000
28.0 - 36.0	.006
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER 007 265  
DATE 25 JAN 1972  
TIME 16 5 30  
COUNTER NUMBER 3268  
AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 273.0  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 360.4  
NUMBER DENSITY (NO/CM\*\*3) 69.97  
LIQ. WATER CONTENT (GM/M\*\*3) .125  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	13.114
7.0 - 9.0	7.739
9.0 - 12.0	4.085
12.0 - 16.0	2.425
16.0 - 21.0	1.278
21.0 - 28.0	.699
28.0 - 36.0	.140
36.0 - 47.0	.038
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 266  
DATE 25 JAN 1972  
TIME 16 5 34  
COUNTER NUMBER 3217  
AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 273.0  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 720.7  
NUMBER DENSITY (NO/CM\*\*3) 144.57  
LIQ. WATER CONTENT (GM/M\*\*3) .245  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	36.189
7.0 - 9.0	16.418
9.0 - 12.0	6.557
12.0 - 16.0	3.765
16.0 - 21.0	2.125
21.0 - 28.0	1.098
28.0 - 36.0	.412
36.0 - 47.0	.092
47.0 - 62.0	.006
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 267  
DATE 25 JAN 1972  
TIME 16 5 36  
COUNTER NUMBER 3273  
AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 180.2  
AMBIENT TEMPERATURE (DEG K) 273.0  
SAMPLED VOLUME (CM\*\*3) 67.0  
SAMPLE INTERVAL (M) 360.4  
NUMBER DENSITY (NO/CM\*\*3) 1.76  
LIQ. WATER CONTENT (GM/M\*\*3) .007  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.428
7.0 - 9.0	.134
9.0 - 12.0	.030
12.0 - 16.0	.056
16.0 - 21.0	.036
21.0 - 28.0	.032
28.0 - 36.0	.006
36.0 - 47.0	.008
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 268  
DATE 25 JAN 1972  
TIME 16 5 38  
COUNTER NUMBER 3275  
AIRCRAFT ALTITUDE (KM) 5.2  
AIRCRAFT VELOCITY (M/S) 175.0  
AMBIENT TEMPERATURE (DEG K) 272.9  
SAMPLED VOLUME (CM\*\*3) 132.0  
SAMPLE INTERVAL (M) 355.2  
NUMBER DENSITY (NO/CM\*\*3) .02  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.011
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 269  
DATE 25 JAN 1972  
TIME 18 24 0  
COUNTER NUMBER 3477  
AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 133.8  
AMBIENT TEMPERATURE (DEG K) 285.0  
SAMPLED VOLUME (CM\*\*3) 54.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .17  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.074
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.011
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 270  
DATE 25 JAN 1972  
TIME 18 24 2  
COUNTER NUMBER 3479  
AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 131.3  
AMBIENT TEMPERATURE (DEG K) 284.2  
SAMPLED VOLUME (CM\*\*3) 53.0  
SAMPLE INTERVAL (M) 265.1  
NUMBER DENSITY (NO/CM\*\*3) .34  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.075
7.0 - 9.0	0.000
9.0 - 12.0	.057
12.0 - 16.0	0.000
16.0 - 21.0	.011
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 271  
DATE 25 JAN 1972  
TIME 18 24 5  
COUNTER NUMBER 3481  
AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 284.2  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 390.0  
NUMBER DENSITY (NO/CM\*\*3) 262.79  
LIQ. WATER CONTENT (GM/M\*\*3) 1.628  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	19.308
7.0 - 9.0	9.462
9.0 - 12.0	6.167
12.0 - 16.0	5.827
16.0 - 21.0	8.400
21.0 - 28.0	12.533
28.0 - 36.0	5.339
36.0 - 47.0	.049
47.0 - 62.0	.004
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 007 272  
DATE 25 JAN 1972  
TIME 18 24 7  
COUNTER NUMBER 3483  
AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 284.7  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 257.4  
NUMBER DENSITY (NO/CM\*\*3) 232.88  
LIQ. WATER CONTENT (GM/M\*\*3) .994  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	50.872
7.0 - 9.0	4.529
9.0 - 12.0	5.904
12.0 - 16.0	4.519
16.0 - 21.0	6.896
21.0 - 28.0	7.940
28.0 - 36.0	2.584
36.0 - 47.0	.070
47.0 - 62.0	.012
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 007 273  
DATE 25 JAN 1972  
TIME 18 24 10  
COUNTER NUMBER 3485  
AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 284.6  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 386.1  
NUMBER DENSITY (NO/CM\*\*3) 2.31  
LIQ. WATER CONTENT (GM/M\*\*3) .004  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.679
7.0 - 9.0	.240
9.0 - 12.0	.135
12.0 - 16.0	0.000
16.0 - 21.0	.012
21.0 - 28.0	.041
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 274  
DATE 25 JAN 1972  
TIME 18 24 12  
COUNTER NUMBER 3487  
AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 284.1  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 257.4  
NUMBER DENSITY (NO/CM\*\*3) .29  
LIQ. WATER CONTENT (GM/M\*\*3) .000  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.077
7.0 - 9.0	.058
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.008
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 275  
DATE 25 JAN 1972  
TIME 18 24 15  
COUNTER NUMBER 3489  
AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 284.4  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 386.1  
NUMBER DENSITY (NO/CM\*\*3) .46  
LIQ. WATER CONTENT (GM/M\*\*3) .002  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.144
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	.008
28.0 - 36.0	.014
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 276  
DATE 25 JAN 1972  
TIME 18 24 23  
COUNTER NUMBER 3495  
AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 285.0  
SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 1029.6  
NUMBER DENSITY (NO/CM\*\*3) 1.75  
LIQ. WATER CONTENT (GM/M\*\*3) .003  
SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.513
7.0 - 9.0	.087
9.0 - 12.0	.077
12.0 - 16.0	.087
16.0 - 21.0	.023
21.0 - 28.0	.008
28.0 - 36.0	.007
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 277  
DATE 25 JAN 1972  
TIME 18 24 26  
COUNTER NUMBER 3498

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 284.8

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 382.2  
NUMBER DENSITY (NO/CM\*\*3) 45.59  
LIQ. WATER CONTENT (GM/M\*\*3) .070

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	20.497
7.0 - 9.0	0.000
9.0 - 12.0	2.059
12.0 - 16.0	.917
16.0 - 21.0	.392
21.0 - 28.0	.227
28.0 - 36.0	.113
36.0 - 47.0	.045
47.0 - 62.0	.004
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 278  
DATE 25 JAN 1972  
TIME 18 24 29  
COUNTER NUMBER 3501

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 284.5

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 374.5  
NUMBER DENSITY (NO/CM\*\*3) 222.06  
LIQ. WATER CONTENT (GM/M\*\*3) 1.161

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	18.902
7.0 - 9.0	14.520
9.0 - 12.0	5.614
12.0 - 16.0	5.054
16.0 - 21.0	6.973
21.0 - 28.0	9.804
28.0 - 36.0	2.794
36.0 - 47.0	.111
47.0 - 62.0	.037
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 279  
DATE 25 JAN 1972  
TIME 18 24 33  
COUNTER NUMBER 3504

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 284.8

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 494.2  
NUMBER DENSITY (NO/CM\*\*3) 324.73  
LIQ. WATER CONTENT (GM/M\*\*3) .971

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	67.647
7.0 - 9.0	31.980
9.0 - 12.0	11.248
12.0 - 16.0	5.495
16.0 - 21.0	6.737
21.0 - 28.0	6.896
28.0 - 36.0	2.495
36.0 - 47.0	.139
47.0 - 62.0	.008
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 280  
DATE 25 JAN 1972  
TIME 18 24 37  
COUNTER NUMBER 3507

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 126.1  
AMBIENT TEMPERATURE (DEG K) 284.4

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 499.4  
NUMBER DENSITY (NO/CM\*\*3) 213.63  
LIQ. WATER CONTENT (GM/M\*\*3) .510

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	56.444
7.0 - 9.0	25.853
9.0 - 12.0	8.353
12.0 - 16.0	3.137
16.0 - 21.0	3.098
21.0 - 28.0	1.899
28.0 - 36.0	1.017
36.0 - 47.0	.171
47.0 - 62.0	.044
62.0 - 82.0	.009
82.0 - 108.0	0.000

FLIGHT NUMBER 007 281  
DATE 25 JAN 1972  
TIME 18 24 40  
COUNTER NUMBER 3510

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 283.8

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 374.5  
NUMBER DENSITY (NO/CM\*\*3) 216.49  
LIQ. WATER CONTENT (GM/M\*\*3) .332

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	67.111
7.0 - 9.0	27.971
9.0 - 12.0	8.373
12.0 - 16.0	3.873
16.0 - 21.0	1.580
21.0 - 28.0	.787
28.0 - 36.0	.404
36.0 - 47.0	.150
47.0 - 62.0	.065
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 282  
DATE 25 JAN 1972  
TIME 18 24 44  
COUNTER NUMBER 3513

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 283.1

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 494.2  
NUMBER DENSITY (NO/CM\*\*3) 224.49  
LIQ. WATER CONTENT (GM/M\*\*3) .385

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	66.013
7.0 - 9.0	30.147
9.0 - 12.0	9.536
12.0 - 16.0	3.887
16.0 - 21.0	2.008
21.0 - 28.0	.594
28.0 - 36.0	.444
36.0 - 47.0	.200
47.0 - 62.0	.060
62.0 - 82.0	.009
82.0 - 108.0	0.000

FLIGHT NUMBER 007 283  
DATE 25 JAN 1972  
TIME 18 24 47  
COUNTER NUMBER 3516

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 282.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 370.7  
NUMBER DENSITY (NO/CM\*\*3) 92.75  
LIQ. WATER CONTENT (GM/M\*\*3) .190

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	28.340
7.0 - 9.0	14.029
9.0 - 12.0	3.268
12.0 - 16.0	1.010
16.0 - 21.0	.624
21.0 - 28.0	.269
28.0 - 36.0	.174
36.0 - 47.0	.100
47.0 - 62.0	.052
62.0 - 82.0	.003
82.0 - 108.0	0.000

FLIGHT NUMBER 007 284  
DATE 25 JAN 1972  
TIME 18 24 50  
COUNTER NUMBER 3518

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 282.7

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 370.7  
NUMBER DENSITY (NO/CM\*\*3) 130.90  
LIQ. WATER CONTENT (GM/M\*\*3) .176

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	30.013
7.0 - 9.0	18.961
9.0 - 12.0	7.065
12.0 - 16.0	3.995
16.0 - 21.0	1.114
21.0 - 28.0	.401
28.0 - 36.0	.159
36.0 - 47.0	.066
47.0 - 62.0	.027
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 285  
DATE 25 JAN 1972  
TIME 18 24 53  
COUNTER NUMBER 3521

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 128.7  
AMBIENT TEMPERATURE (DEG K) 282.3

SAMPLED VOLUME (CM\*\*3) 52.0  
SAMPLE INTERVAL (M) 378.4  
NUMBER DENSITY (NO/CM\*\*3) 337.02  
LIQ. WATER CONTENT (GM/M\*\*3) .555

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	63.141
7.0 - 9.0	31.519
9.0 - 12.0	26.359
12.0 - 16.0	10.889
16.0 - 21.0	8.015
21.0 - 28.0	1.484
28.0 - 36.0	.382
36.0 - 47.0	.219
47.0 - 62.0	.047
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 286  
DATE 25 JAN 1972  
TIME 18 24 56  
COUNTER NUMBER 3523

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 121.0  
AMBIENT TEMPERATURE (DEG K) 282.1

SAMPLED VOLUME (CM\*\*3) 50.0  
SAMPLE INTERVAL (M) 374.5  
NUMBER DENSITY (NO/CM\*\*3) 208.24  
LIQ. WATER CONTENT (GM/M\*\*3) .471

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	51.373
7.0 - 9.0	24.030
9.0 - 12.0	11.187
12.0 - 16.0	5.890
16.0 - 21.0	2.624
21.0 - 28.0	.749
28.0 - 36.0	.482
36.0 - 47.0	.220
47.0 - 62.0	.075
62.0 - 82.0	.009
82.0 - 108.0	.002

FLIGHT NUMBER 007 287  
DATE 25 JAN 1972  
TIME 18 24 58  
COUNTER NUMBER 3525

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 282.0

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 244.5  
NUMBER DENSITY (NO/CM\*\*3) 347.20  
LIQ. WATER CONTENT (GM/M\*\*3) .805

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	74.418
7.0 - 9.0	40.833
9.0 - 12.0	15.131
12.0 - 16.0	11.716
16.0 - 21.0	7.573
21.0 - 28.0	1.969
28.0 - 36.0	.696
36.0 - 47.0	.216
47.0 - 62.0	.102
62.0 - 82.0	.021
82.0 - 108.0	.005

FLIGHT NUMBER 007 288  
DATE 25 JAN 1972  
TIME 18 25 2  
COUNTER NUMBER 3528

AIRCRAFT ALTITUDE (KM) 2.1  
AIRCRAFT VELOCITY (M/S) 123.6  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 51.0  
SAMPLE INTERVAL (M) 494.2  
NUMBER DENSITY (NO/CM\*\*3) 636.33  
LIQ. WATER CONTENT (GM/M\*\*3) 1.131

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	154.288
7.0 - 9.0	73.098
9.0 - 12.0	30.739
12.0 - 16.0	14.520
16.0 - 21.0	10.059
21.0 - 28.0	5.821
28.0 - 36.0	1.738
36.0 - 47.0	.234
47.0 - 62.0	.041
62.0 - 82.0	.015
82.0 - 108.0	0.000



FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 18 25 5 COUNTER NUMBER 3531	289	FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 18 25 8 COUNTER NUMBER 3533	290	FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 18 25 10 COUNTER NUMBER 3535	291
AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	2.1 126.1 999.9	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	2.1 126.1 999.9	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	2.1 126.1 999.9
SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	51.0 374.5 581.20 1.286	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	51.0 378.4 368.98 .734	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	51.0 252.3 416.16 1.070
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	136.758 77.324 29.817 13.848 6.933 2.930 1.615 .528 .131 .021 .011	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	92.523 47.020 18.542 7.873 4.043 2.328 .980 .283 .081 .018 0.000	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	101.634 53.431 19.418 9.206 4.949 2.616 1.331 .439 .175 .027 .002
FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 18 25 14 COUNTER NUMBER 3538	292	FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 18 25 17 COUNTER NUMBER 3540	293	FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 18 25 20 COUNTER NUMBER 3543	294
AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	2.1 123.6 999.9	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	2.1 123.6 999.9	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	2.1 123.6 999.9
SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	51.0 499.4 287.53 .515	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	51.0 370.7 195.14 .455	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	51.0 370.7 229.55 1.324
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	74.667 40.892 12.556 6.064 2.843 1.241 .674 .194 .081 .009 0.000	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	53.386 25.520 8.680 4.044 2.071 1.804 .412 .116 .056 .009 .009	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	45.987 26.284 9.451 4.578 3.024 2.459 1.846 .868 .277 .021 .005
FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 18 25 24 COUNTER NUMBER 3546	295	FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 18 25 28 COUNTER NUMBER 3549	296	FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 18 25 31 COUNTER NUMBER 3552	297
AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	2.1 126.1 999.9	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	2.1 123.6 999.9	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	2.1 123.6 999.9
SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	51.0 499.4 40.43 .109	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	51.0 499.4 58.80 .199	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	51.0 370.7 2.20 .006
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	9.804 3.578 2.039 1.132 .612 .420 .167 .032 .012 .003 0.000	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	9.922 4.863 1.752 1.745 1.800 1.199 .527 .027 .004 0.000 0.000	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	.562 .206 .078 .059 .047 .017 .007 .005 0.000 0.000 0.000
FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 18 25 35 COUNTER NUMBER 3555	298	FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 18 25 37 COUNTER NUMBER 3557	299	FLIGHT NUMBER 007 DATE 25 JAN 1972 TIME 18 25 40 COUNTER NUMBER 3560	300
AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	2.1 123.6 999.9	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	2.1 123.6 999.9	AIRCRAFT ALTITUDE (KM) AIRCRAFT VELOCITY (M/S) AMBIENT TEMPERATURE (DEG K)	2.1 123.6 282.3
SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	51.0 494.2 32.92 .069	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	51.0 247.1 46.94 .105	SAMPLED VOLUME (CM**3) SAMPLE INTERVAL (M) NUMBER DENSITY (NO/CM**3) LIQ. WATER CONTENT (GM/M**3)	51.0 370.7 73.33 .244
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	11.059 4.284 .895 .564 .169 .104 .051 .050 .020 0.000 0.000	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	11.190 5.843 1.242 .873 .882 .787 .137 .005 .012 0.000 0.000	5.5 - 7.0 7.0 - 9.0 9.0 - 12.0 12.0 - 16.0 16.0 - 21.0 21.0 - 28.0 28.0 - 36.0 36.0 - 47.0 47.0 - 62.0 62.0 - 82.0 82.0 - 108.0	11.595 6.088 1.915 2.034 2.267 1.986 .581 0.000 0.000 0.000 0.000

FLIGHT NUMBER	007	301	FLIGHT NUMBER	007	302	FLIGHT NUMBER	007	303
DATE 25 JAN 1972			DATE 25 JAN 1972			DATE 25 JAN 1972		
TIME 18 25 43			TIME 18 25 45			TIME 18 25 47		
COUNTER NUMBER 3562			COUNTER NUMBER 3564			COUNTER NUMBER 3566		
AIRCRAFT ALTITUDE (KM)		2.1	AIRCRAFT ALTITUDE (KM)		2.1	AIRCRAFT ALTITUDE (KM)		2.1
AIRCRAFT VELOCITY (M/S)		123.6	AIRCRAFT VELOCITY (M/S)		121.0	AIRCRAFT VELOCITY (M/S)		121.0
AMBIENT TEMPERATURE (DEG K)		282.3	AMBIENT TEMPERATURE (DEG K)		282.4	AMBIENT TEMPERATURE (DEG K)		282.6
SAMPLED VOLUME (CM**3)		51.0	SAMPLED VOLUME (CM**3)		50.0	SAMPLED VOLUME (CM**3)		50.0
SAMPLE INTERVAL (M)		370.7	SAMPLE INTERVAL (M)		244.5	SAMPLE INTERVAL (M)		242.0
NUMBER DENSITY (NO/CM**3)		1.00	NUMBER DENSITY (NO/CM**3)		182.66	NUMBER DENSITY (NO/CM**3)		1.40
LIQ. WATER CONTENT (GM/M**3)		.014	LIQ. WATER CONTENT (GM/M**3)		.753	LIQ. WATER CONTENT (GM/M**3)		.006
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.118		5.5 - 7.0	27.867		5.5 - 7.0	.413	
7.0 - 9.0	.029		7.0 - 9.0	13.460		7.0 - 9.0	.150	
9.0 - 12.0	.078		9.0 - 12.0	5.120		9.0 - 12.0	.040	
12.0 - 16.0	.044		12.0 - 16.0	4.825		12.0 - 16.0	.015	
16.0 - 21.0	.024		16.0 - 21.0	5.272		16.0 - 21.0	.024	
21.0 - 28.0	.017		21.0 - 28.0	4.580		21.0 - 28.0	.009	
28.0 - 36.0	.007		28.0 - 36.0	2.515		28.0 - 36.0	0.000	
36.0 - 47.0	0.000		36.0 - 47.0	.067		36.0 - 47.0	.011	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	.003		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 106.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	007	304	FLIGHT NUMBER	007	305	FLIGHT NUMBER	007	306
DATE 25 JAN 1972			DATE 25 JAN 1972			DATE 25 JAN 1972		
TIME 18 29 50			TIME 18 29 53			TIME 18 29 58		
COUNTER NUMBER 3568			COUNTER NUMBER 3768			COUNTER NUMBER 3770		
AIRCRAFT ALTITUDE (KM)		2.1	AIRCRAFT ALTITUDE (KM)		.9	AIRCRAFT ALTITUDE (KM)		.9
AIRCRAFT VELOCITY (M/S)		121.0	AIRCRAFT VELOCITY (M/S)		79.8	AIRCRAFT VELOCITY (M/S)		79.8
AMBIENT TEMPERATURE (DEG K)		283.0	AMBIENT TEMPERATURE (DEG K)		290.1	AMBIENT TEMPERATURE (DEG K)		289.9
SAMPLED VOLUME (CM**3)		50.0	SAMPLED VOLUME (CM**3)		76.0	SAMPLED VOLUME (CM**3)		76.0
SAMPLE INTERVAL (M)		362.9	SAMPLE INTERVAL (M)		0.0	SAMPLE INTERVAL (M)		399.0
NUMBER DENSITY (NO/CM**3)		.18	NUMBER DENSITY (NO/CM**3)		.20	NUMBER DENSITY (NO/CM**3)		.91
LIQ. WATER CONTENT (GM/M**3)		.000	LIQ. WATER CONTENT (GM/M**3)		.002	LIQ. WATER CONTENT (GM/M**3)		.005
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.040		5.5 - 7.0	.053		5.5 - 7.0	.053	
7.0 - 9.0	.060		7.0 - 9.0	0.000		7.0 - 9.0	.118	
9.0 - 12.0	0.000		9.0 - 12.0	.013		9.0 - 12.0	.039	
12.0 - 16.0	0.000		12.0 - 16.0	.010		12.0 - 16.0	.020	
16.0 - 21.0	0.000		16.0 - 21.0	0.000		16.0 - 21.0	.024	
21.0 - 28.0	0.000		21.0 - 28.0	0.000		21.0 - 28.0	.023	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	.005	
36.0 - 47.0	0.000		36.0 - 47.0	.004		36.0 - 47.0	.007	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	007	307	FLIGHT NUMBER	007	308	FLIGHT NUMBER	007	309
DATE 25 JAN 1972			DATE 25 JAN 1972			DATE 25 JAN 1972		
TIME 18 30 3			TIME 18 30 8			TIME 18 30 13		
COUNTER NUMBER 3773			COUNTER NUMBER 3775			COUNTER NUMBER 3777		
AIRCRAFT ALTITUDE (KM)		1.5	AIRCRAFT ALTITUDE (KM)		.9	AIRCRAFT ALTITUDE (KM)		.9
AIRCRAFT VELOCITY (M/S)		79.8	AIRCRAFT VELOCITY (M/S)		79.8	AIRCRAFT VELOCITY (M/S)		79.8
AMBIENT TEMPERATURE (DEG K)		289.8	AMBIENT TEMPERATURE (DEG K)		289.9	AMBIENT TEMPERATURE (DEG K)		290.0
SAMPLED VOLUME (CM**3)		76.0	SAMPLED VOLUME (CM**3)		76.0	SAMPLED VOLUME (CM**3)		76.0
SAMPLE INTERVAL (M)		399.0	SAMPLE INTERVAL (M)		399.0	SAMPLE INTERVAL (M)		399.0
NUMBER DENSITY (NO/CM**3)		1.53	NUMBER DENSITY (NO/CM**3)		2.25	NUMBER DENSITY (NO/CM**3)		1.17
LIQ. WATER CONTENT (GM/M**3)		.043	LIQ. WATER CONTENT (GM/M**3)		.047	LIQ. WATER CONTENT (GM/M**3)		.019
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.053		5.5 - 7.0	.158		5.5 - 7.0	.272	
7.0 - 9.0	.164		7.0 - 9.0	.059		7.0 - 9.0	.039	
9.0 - 12.0	.039		9.0 - 12.0	.092		9.0 - 12.0	0.000	
12.0 - 16.0	.030		12.0 - 16.0	0.000		12.0 - 16.0	.020	
16.0 - 21.0	.032		16.0 - 21.0	0.000		16.0 - 21.0	0.000	
21.0 - 28.0	.017		21.0 - 28.0	.058		21.0 - 28.0	0.000	
28.0 - 36.0	0.000		28.0 - 36.0	.076		28.0 - 36.0	.046	
36.0 - 47.0	.018		36.0 - 47.0	.033		36.0 - 47.0	.014	
47.0 - 62.0	.027		47.0 - 62.0	.016		47.0 - 62.0	.005	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	007	310	FLIGHT NUMBER	007	311	FLIGHT NUMBER	007	312
DATE 25 JAN 1972			DATE 25 JAN 1972			DATE 25 JAN 1972		
TIME 18 30 20			TIME 18 31 15			TIME 18 31 20		
COUNTER NUMBER 3760			COUNTER NUMBER 3805			COUNTER NUMBER 3807		
AIRCRAFT ALTITUDE (KM)		.9	AIRCRAFT ALTITUDE (KM)		.9	AIRCRAFT ALTITUDE (KM)		.9
AIRCRAFT VELOCITY (M/S)		79.8	AIRCRAFT VELOCITY (M/S)		79.8	AIRCRAFT VELOCITY (M/S)		79.8
AMBIENT TEMPERATURE (DEG K)		290.1	AMBIENT TEMPERATURE (DEG K)		290.1	AMBIENT TEMPERATURE (DEG K)		290.2
SAMPLED VOLUME (CM**3)		76.0	SAMPLED VOLUME (CM**3)		76.0	SAMPLED VOLUME (CM**3)		76.0
SAMPLE INTERVAL (M)		558.6	SAMPLE INTERVAL (M)		4388.7	SAMPLE INTERVAL (M)		399.0
NUMBER DENSITY (NO/CM**3)		.41	NUMBER DENSITY (NO/CM**3)		.20	NUMBER DENSITY (NO/CM**3)		.80
LIQ. WATER CONTENT (GM/M**3)		.000	LIQ. WATER CONTENT (GM/M**3)		.000	LIQ. WATER CONTENT (GM/M**3)		.000
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.219		5.5 - 7.0	.026		5.5 - 7.0	.377	
7.0 - 9.0	0.000		7.0 - 9.0	.079		7.0 - 9.0	.039	
9.0 - 12.0	.026		9.0 - 12.0	0.000		9.0 - 12.0	.026	
12.0 - 16.0	0.000		12.0 - 16.0	0.000		12.0 - 16.0	0.000	
16.0 - 21.0	0.000		16.0 - 21.0	0.000		16.0 - 21.0	.016	
21.0 - 28.0	0.000		21.0 - 28.0	0.000		21.0 - 28.0	0.000	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	0.000	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	

FLIGHT NUMBER 007 313  
DATE 25 JAN 1972  
TIME 18 31 25  
COUNTER NUMBER 3810

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 79.8  
AMBIENT TEMPERATURE (DEG K) 290.2  
SAMPLED VOLUME (CM\*\*3) 76.0  
SAMPLE INTERVAL (M) 399.0  
NUMBER DENSITY (NO/CM\*\*3) .16  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.053
7.0 - 9.0	0.000
9.0 - 12.0	.013
12.0 - 16.0	.010
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 314  
DATE 25 JAN 1972  
TIME 18 31 30  
COUNTER NUMBER 3812

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 79.8  
AMBIENT TEMPERATURE (DEG K) 290.2  
SAMPLED VOLUME (CM\*\*3) 76.0  
SAMPLE INTERVAL (M) 399.0  
NUMBER DENSITY (NO/CM\*\*3) .63  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.184
7.0 - 9.0	.079
9.0 - 12.0	.039
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	.005
36.0 - 47.0	.004
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 315  
DATE 25 JAN 1972  
TIME 18 31 35  
COUNTER NUMBER 3814

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 79.8  
AMBIENT TEMPERATURE (DEG K) 290.1  
SAMPLED VOLUME (CM\*\*3) 76.0  
SAMPLE INTERVAL (M) 399.0  
NUMBER DENSITY (NO/CM\*\*3) 1.41  
LIQ. WATER CONTENT (GM/M\*\*3) .052

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.158
7.0 - 9.0	.164
9.0 - 12.0	.013
12.0 - 16.0	.010
16.0 - 21.0	0.000
21.0 - 28.0	.023
28.0 - 36.0	.020
36.0 - 47.0	.007
47.0 - 62.0	.022
62.0 - 82.0	0.000
82.0 - 108.0	.002

FLIGHT NUMBER 007 316  
DATE 25 JAN 1972  
TIME 18 31 40  
COUNTER NUMBER 3816

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 79.8  
AMBIENT TEMPERATURE (DEG K) 290.1  
SAMPLED VOLUME (CM\*\*3) 76.0  
SAMPLE INTERVAL (M) 399.0  
NUMBER DENSITY (NO/CM\*\*3) 1.11  
LIQ. WATER CONTENT (GM/M\*\*3) .018

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.158
7.0 - 9.0	.059
9.0 - 12.0	.026
12.0 - 16.0	.039
16.0 - 21.0	.016
21.0 - 28.0	.011
28.0 - 36.0	.020
36.0 - 47.0	.004
47.0 - 62.0	.011
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 317  
DATE 25 JAN 1972  
TIME 18 31 45  
COUNTER NUMBER 3819

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 79.8  
AMBIENT TEMPERATURE (DEG K) 290.0  
SAMPLED VOLUME (CM\*\*3) 76.0  
SAMPLE INTERVAL (M) 399.0  
NUMBER DENSITY (NO/CM\*\*3) 9.41  
LIQ. WATER CONTENT (GM/M\*\*3) .126

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	1.618
9.0 - 12.0	.807
12.0 - 16.0	.329
16.0 - 21.0	.074
21.0 - 28.0	.070
28.0 - 36.0	.020
36.0 - 47.0	.041
47.0 - 62.0	.054
62.0 - 82.0	.008
82.0 - 108.0	0.000

FLIGHT NUMBER 007 318  
DATE 25 JAN 1972  
TIME 18 31 50  
COUNTER NUMBER 3821

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 79.8  
AMBIENT TEMPERATURE (DEG K) 289.9  
SAMPLED VOLUME (CM\*\*3) 76.0  
SAMPLE INTERVAL (M) 399.0  
NUMBER DENSITY (NO/CM\*\*3) 5.74  
LIQ. WATER CONTENT (GM/M\*\*3) .155

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.697
9.0 - 12.0	.368
12.0 - 16.0	.141
16.0 - 21.0	.055
21.0 - 28.0	.064
28.0 - 36.0	.041
36.0 - 47.0	.025
47.0 - 62.0	.076
62.0 - 82.0	.010
82.0 - 108.0	0.000

FLIGHT NUMBER 007 319  
DATE 25 JAN 1972  
TIME 18 31 55  
COUNTER NUMBER 3823

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 79.8  
AMBIENT TEMPERATURE (DEG K) 290.1  
SAMPLED VOLUME (CM\*\*3) 76.0  
SAMPLE INTERVAL (M) 399.0  
NUMBER DENSITY (NO/CM\*\*3) 5.29  
LIQ. WATER CONTENT (GM/M\*\*3) .215

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.439
7.0 - 9.0	.349
9.0 - 12.0	.189
12.0 - 16.0	.049
16.0 - 21.0	.024
21.0 - 28.0	.047
28.0 - 36.0	.061
36.0 - 47.0	.048
47.0 - 62.0	.101
62.0 - 82.0	.006
82.0 - 108.0	.003

FLIGHT NUMBER 007 320  
DATE 25 JAN 1972  
TIME 18 32 0  
COUNTER NUMBER 3825

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 79.8  
AMBIENT TEMPERATURE (DEG K) 290.4  
SAMPLED VOLUME (CM\*\*3) 76.0  
SAMPLE INTERVAL (M) 399.0  
NUMBER DENSITY (NO/CM\*\*3) .47  
LIQ. WATER CONTENT (GM/M\*\*3) .012

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.105
7.0 - 9.0	.039
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	.014
47.0 - 62.0	.005
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 321  
DATE 25 JAN 1972  
TIME 18 32 5  
COUNTER NUMBER 3828

AIRCRAFT ALTITUDE (KM) .6  
AIRCRAFT VELOCITY (M/S) 79.8  
AMBIENT TEMPERATURE (DEG K) 290.3  
SAMPLED VOLUME (CM\*\*3) 76.0  
SAMPLE INTERVAL (M) 399.0  
NUMBER DENSITY (NO/CM\*\*3) 1.79  
LIQ. WATER CONTENT (GM/M\*\*3) .043

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.105
7.0 - 9.0	.059
9.0 - 12.0	.092
12.0 - 16.0	.039
16.0 - 21.0	.055
21.0 - 28.0	.017
28.0 - 36.0	.030
36.0 - 47.0	0.000
47.0 - 62.0	.030
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 322  
DATE 25 JAN 1972  
TIME 18 32 10  
COUNTER NUMBER 3830

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 79.8  
AMBIENT TEMPERATURE (DEG K) 290.2  
SAMPLED VOLUME (CM\*\*3) 76.0  
SAMPLE INTERVAL (M) 399.0  
NUMBER DENSITY (NO/CM\*\*3) .71  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.184
7.0 - 9.0	0.000
9.0 - 12.0	.053
12.0 - 16.0	0.000
16.0 - 21.0	.008
21.0 - 28.0	.023
28.0 - 36.0	0.000
36.0 - 47.0	.007
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 323  
DATE 25 JAN 1972  
TIME 18 32 15  
COUNTER NUMBER 3832

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 79.8  
AMBIENT TEMPERATURE (DEG K) 290.1  
SAMPLED VOLUME (CM\*\*3) 76.0  
SAMPLE INTERVAL (M) 399.0  
NUMBER DENSITY (NO/CM\*\*3) .39  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.079
9.0 - 12.0	.013
12.0 - 16.0	.010
16.0 - 21.0	.008
21.0 - 28.0	.006
28.0 - 36.0	0.000
36.0 - 47.0	.004
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007 324  
DATE 25 JAN 1972  
TIME 18 32 20  
COUNTER NUMBER 3834

AIRCRAFT ALTITUDE (KM) .9  
AIRCRAFT VELOCITY (M/S) 79.8  
AMBIENT TEMPERATURE (DEG K) 290.1  
SAMPLED VOLUME (CM\*\*3) 76.0  
SAMPLE INTERVAL (M) 399.0  
NUMBER DENSITY (NO/CM\*\*3) .32  
LIQ. WATER CONTENT (GM/M\*\*3) .009

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	.010
16.0 - 21.0	.008
21.0 - 28.0	.006
28.0 - 36.0	0.000
36.0 - 47.0	.014
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 007  
 DATE 25 JAN 1972  
 TIME 18 32 25  
 COUNTER NUMBER 3837

325

AIRCRAFT ALTITUDE (KM) .9  
 AIRCRAFT VELOCITY (M/S) 79.8  
 AMBIENT TEMPERATURE (DEG K) 290.1

SAMPLED VOLUME (CM\*\*3) 76.0  
 SAMPLE INTERVAL (M) 399.0  
 NUMBER DENSITY (NO/CM\*\*3) .20  
 LIQ. WATER CONTENT (GM/M\*\*3) .009

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.020
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	.008
21.0 - 28.0	0.000
28.0 - 36.0	.010
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	.002
82.0 - 108.0	0.000

FLIGHT NUMBER 007  
 DATE 25 JAN 1972  
 TIME 18 32 30  
 COUNTER NUMBER 3839

326

AIRCRAFT ALTITUDE (KM) .6  
 AIRCRAFT VELOCITY (M/S) 79.8  
 AMBIENT TEMPERATURE (DEG K) 290.1

SAMPLED VOLUME (CM\*\*3) 76.0  
 SAMPLE INTERVAL (M) 399.0  
 NUMBER DENSITY (NO/CM\*\*3) .32  
 LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.053
7.0 - 9.0	.039
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	.014
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER  
 DATE 0 JAN 1972  
 TIME 0 0 0  
 COUNTER NUMBER 0

0

AIRCRAFT ALTITUDE (KM) 0.0  
 AIRCRAFT VELOCITY (M/S) 0.0  
 AMBIENT TEMPERATURE (DEG K) 0.0

SAMPLED VOLUME (CM\*\*3) 0.0  
 SAMPLE INTERVAL (M) 0.0  
 NUMBER DENSITY (NO/CM\*\*3) 0.00  
 LIQ. WATER CONTENT (GM/M\*\*3) 0.000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	0.000
9.0 - 12.0	0.000
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT 8

FLIGHT NUMBER 008 1  
DATE 27 JAN 1972  
TIME 16 25 0  
COUNTER NUMBER 4134

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 216.9

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 0.0  
NUMBER DENSITY (NO/CM\*\*3) .04  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.010
7.0 - 9.0	.004
9.0 - 12.0	0.000
12.0 - 16.0	.004
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 008 2  
DATE 27 JAN 1972  
TIME 16 25 5  
COUNTER NUMBER 4135

AIRCRAFT ALTITUDE (KM) 13.7  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 216.8

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .06  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.010
7.0 - 9.0	.004
9.0 - 12.0	.002
12.0 - 16.0	.004
16.0 - 21.0	.001
21.0 - 28.0	.001
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 008 3  
DATE 27 JAN 1972  
TIME 16 25 10  
COUNTER NUMBER 4136

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 216.8

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .09  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.014
9.0 - 12.0	.005
12.0 - 16.0	0.000
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 008 4  
DATE 27 JAN 1972  
TIME 16 25 15  
COUNTER NUMBER 4137

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 216.7

SAMPLED VOLUME (CM\*\*3) 504.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .11  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.028
7.0 - 9.0	0.000
9.0 - 12.0	.004
12.0 - 16.0	0.000
16.0 - 21.0	.007
21.0 - 28.0	.003
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 008 5  
DATE 27 JAN 1972  
TIME 16 25 21  
COUNTER NUMBER 4138

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 216.6

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1436.3  
NUMBER DENSITY (NO/CM\*\*3) .11  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.004
9.0 - 12.0	.012
12.0 - 16.0	0.000
16.0 - 21.0	.007
21.0 - 28.0	.001
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 008 6  
DATE 27 JAN 1972  
TIME 16 25 26  
COUNTER NUMBER 4139

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 216.6

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .16  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.029
7.0 - 9.0	.007
9.0 - 12.0	.007
12.0 - 16.0	.002
16.0 - 21.0	.004
21.0 - 28.0	.005
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 008 7  
DATE 27 JAN 1972  
TIME 16 25 31  
COUNTER NUMBER 4140

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 216.5

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .10  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.007
9.0 - 12.0	.002
12.0 - 16.0	.009
16.0 - 21.0	0.000
21.0 - 28.0	0.000
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 008 8  
DATE 27 JAN 1972  
TIME 16 25 36  
COUNTER NUMBER 4141

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 216.4

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .11  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.010
7.0 - 9.0	.011
9.0 - 12.0	0.000
12.0 - 16.0	.005
16.0 - 21.0	.009
21.0 - 28.0	.001
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 008 9  
DATE 27 JAN 1972  
TIME 16 25 41  
COUNTER NUMBER 4142

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 216.4

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .22  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.044
7.0 - 9.0	.021
9.0 - 12.0	.007
12.0 - 16.0	.004
16.0 - 21.0	.004
21.0 - 28.0	.002
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 008 10  
DATE 27 JAN 1972  
TIME 16 25 46  
COUNTER NUMBER 4143

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 216.3

SAMPLED VOLUME (CM\*\*3) 504.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .13  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.012
7.0 - 9.0	.015
9.0 - 12.0	.004
12.0 - 16.0	.001
16.0 - 21.0	.005
21.0 - 28.0	.005
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 008 11  
DATE 27 JAN 1972  
TIME 16 25 52  
COUNTER NUMBER 4144

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 216.2

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1436.3  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.011
9.0 - 12.0	.014
12.0 - 16.0	.002
16.0 - 21.0	.019
21.0 - 28.0	.003
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 008 12  
DATE 27 JAN 1972  
TIME 16 25 57  
COUNTER NUMBER 4145

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 216.2

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .22  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.019
7.0 - 9.0	.011
9.0 - 12.0	.010
12.0 - 16.0	.011
16.0 - 21.0	.009
21.0 - 28.0	.002
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 106.0	0.000

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FLIGHT NUMBER 008 13  
DATE 27 JAN 1972  
TIME 16 26 2  
COUNTER NUMBER 4146

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 216.1  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1184.0  
NUMBER DENSITY (NO/CM\*\*3) .30  
LIC. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.044
7.0 - 9.0	.014
9.0 - 12.0	.014
12.0 - 16.0	.011
16.0 - 21.0	.013
21.0 - 28.0	.002
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 14  
DATE 27 JAN 1972  
TIME 16 26 7  
COUNTER NUMBER 4147

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 216.1  
  
SAMPLED VOLUME (CM\*\*3) 504.0  
SAMPLE INTERVAL (M) 1184.0  
NUMBER DENSITY (NO/CM\*\*3) .20  
LIC. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.012
7.0 - 9.0	.009
9.0 - 12.0	.012
12.0 - 16.0	.001
16.0 - 21.0	.016
21.0 - 28.0	.003
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 15  
DATE 27 JAN 1972  
TIME 16 26 13  
COUNTER NUMBER 4148

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 216.1  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1420.8  
NUMBER DENSITY (NO/CM\*\*3) .23  
LIC. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.033
7.0 - 9.0	.018
9.0 - 12.0	.007
12.0 - 16.0	.009
16.0 - 21.0	.007
21.0 - 28.0	.006
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 16  
DATE 27 JAN 1972  
TIME 16 26 18  
COUNTER NUMBER 4149

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 216.2  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1184.0  
NUMBER DENSITY (NO/CM\*\*3) .28  
LIC. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.040
9.0 - 12.0	.012
12.0 - 16.0	.005
16.0 - 21.0	.012
21.0 - 28.0	.003
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 17  
DATE 27 JAN 1972  
TIME 16 26 23  
COUNTER NUMBER 4150

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 216.2  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1184.0  
NUMBER DENSITY (NO/CM\*\*3) .39  
LIC. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.054
7.0 - 9.0	.011
9.0 - 12.0	.012
12.0 - 16.0	.017
16.0 - 21.0	.007
21.0 - 28.0	.016
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 18  
DATE 27 JAN 1972  
TIME 16 26 28  
COUNTER NUMBER 4151

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 216.2  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1184.0  
NUMBER DENSITY (NO/CM\*\*3) .35  
LIC. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.024
7.0 - 9.0	.030
9.0 - 12.0	.014
12.0 - 16.0	.022
16.0 - 21.0	.006
21.0 - 28.0	.006
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 19  
DATE 27 JAN 1972  
TIME 16 26 33  
COUNTER NUMBER 4152

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 216.2  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1184.0  
NUMBER DENSITY (NO/CM\*\*3) .47  
LIC. WATER CONTENT (GM/M\*\*3) .003

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.029
7.0 - 9.0	.018
9.0 - 12.0	.025
12.0 - 16.0	.009
16.0 - 21.0	.022
21.0 - 28.0	.012
28.0 - 36.0	.009
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 20  
DATE 27 JAN 1972  
TIME 16 26 38  
COUNTER NUMBER 4153

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 216.2  
  
SAMPLED VOLUME (CM\*\*3) 504.0  
SAMPLE INTERVAL (M) 1184.0  
NUMBER DENSITY (NO/CM\*\*3) .39  
LIC. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.028
7.0 - 9.0	.043
9.0 - 12.0	.012
12.0 - 16.0	.014
16.0 - 21.0	.011
21.0 - 28.0	.010
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	.001
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 21  
DATE 27 JAN 1972  
TIME 16 26 44  
COUNTER NUMBER 4154

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 216.3  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1420.8  
NUMBER DENSITY (NO/CM\*\*3) .32  
LIC. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.044
7.0 - 9.0	.018
9.0 - 12.0	0.000
12.0 - 16.0	.012
16.0 - 21.0	.013
21.0 - 28.0	.011
28.0 - 36.0	.003
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 22  
DATE 27 JAN 1972  
TIME 16 26 49  
COUNTER NUMBER 4155

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 216.3  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1184.0  
NUMBER DENSITY (NO/CM\*\*3) .30  
LIC. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.044
7.0 - 9.0	.033
9.0 - 12.0	.002
12.0 - 16.0	.009
16.0 - 21.0	.009
21.0 - 28.0	.006
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 23  
DATE 27 JAN 1972  
TIME 16 26 54  
COUNTER NUMBER 4156

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 216.3  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1184.0  
NUMBER DENSITY (NO/CM\*\*3) .24  
LIC. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.033
7.0 - 9.0	0.000
9.0 - 12.0	.002
12.0 - 16.0	.007
16.0 - 21.0	.010
21.0 - 28.0	.007
28.0 - 36.0	.002
36.0 - 47.0	.003
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 24  
DATE 27 JAN 1972  
TIME 16 26 59  
COUNTER NUMBER 4157

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 216.3  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1184.0  
NUMBER DENSITY (NO/CM\*\*3) .23  
LIC. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.040
7.0 - 9.0	.011
9.0 - 12.0	.010
12.0 - 16.0	.007
16.0 - 21.0	.009
21.0 - 28.0	.003
28.0 - 36.0	.001
36.0 - 47.0	.002
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 25  
DATE 27 JAN 1972  
TIME 16 27 4  
COUNTER NUMBER 4158

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 216.3

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1190.5  
NUMBER DENSITY (NO/CM\*\*3) .27  
LIQ. WATER CONTENT (GM/M\*\*3) .002

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.011
9.0 - 12.0	.017
12.0 - 16.0	.009
16.0 - 21.0	.012
21.0 - 28.0	.005
28.0 - 36.0	.004
36.0 - 47.0	.001
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 26  
DATE 27 JAN 1972  
TIME 16 27 9  
COUNTER NUMBER 4159

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 216.3

SAMPLED VOLUME (CM\*\*3) 504.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .19  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.012
7.0 - 9.0	.012
9.0 - 12.0	0.000
12.0 - 16.0	.014
16.0 - 21.0	.012
21.0 - 28.0	.002
28.0 - 36.0	.001
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 27  
DATE 27 JAN 1972  
TIME 16 27 15  
COUNTER NUMBER 4160

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 216.3

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1436.3  
NUMBER DENSITY (NO/CM\*\*3) .13  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.011
9.0 - 12.0	0.000
12.0 - 16.0	.009
16.0 - 21.0	.007
21.0 - 28.0	.002
28.0 - 36.0	.002
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 28  
DATE 27 JAN 1972  
TIME 16 27 20  
COUNTER NUMBER 4161

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 216.2

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1190.5  
NUMBER DENSITY (NO/CM\*\*3) .19  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.014
9.0 - 12.0	.007
12.0 - 16.0	0.000
16.0 - 21.0	.006
21.0 - 28.0	.010
28.0 - 36.0	.002
36.0 - 47.0	.001
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 29  
DATE 27 JAN 1972  
TIME 16 27 25  
COUNTER NUMBER 4162

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 216.2

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .18  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.018
9.0 - 12.0	0.000
12.0 - 16.0	.004
16.0 - 21.0	.013
21.0 - 28.0	.005
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 30  
DATE 27 JAN 1972  
TIME 16 27 30  
COUNTER NUMBER 4163

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 216.2

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .20  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.018
9.0 - 12.0	0.000
12.0 - 16.0	.011
16.0 - 21.0	.007
21.0 - 28.0	.009
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 31  
DATE 27 JAN 1972  
TIME 16 27 35  
COUNTER NUMBER 4164

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 216.2

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .16  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	.004
9.0 - 12.0	.007
12.0 - 16.0	.011
16.0 - 21.0	.001
21.0 - 28.0	.003
28.0 - 36.0	.004
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 32  
DATE 27 JAN 1972  
TIME 16 27 40  
COUNTER NUMBER 4165

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 217.1

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .13  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.010
7.0 - 9.0	.014
9.0 - 12.0	.005
12.0 - 16.0	.007
16.0 - 21.0	.003
21.0 - 28.0	.004
28.0 - 36.0	0.000
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 33  
DATE 27 JAN 1972  
TIME 16 27 45  
COUNTER NUMBER 4166

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 217.1

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .17  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.005
7.0 - 9.0	.030
9.0 - 12.0	.010
12.0 - 16.0	.004
16.0 - 21.0	.004
21.0 - 28.0	.002
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 34  
DATE 27 JAN 1972  
TIME 16 27 50  
COUNTER NUMBER 4167

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 239.4  
AMBIENT TEMPERATURE (DEG K) 999.9

SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1196.9  
NUMBER DENSITY (NO/CM\*\*3) .16  
LIQ. WATER CONTENT (GM/M\*\*3) .001

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.014
7.0 - 9.0	0.000
9.0 - 12.0	.010
12.0 - 16.0	.007
16.0 - 21.0	.007
21.0 - 28.0	.003
28.0 - 36.0	.003
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 35  
DATE 27 JAN 1972  
TIME 16 27 55  
COUNTER NUMBER 4168

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 216.1

SAMPLED VOLUME (CM\*\*3) 510.0  
SAMPLE INTERVAL (M) 1203.3  
NUMBER DENSITY (NO/CM\*\*3) .11  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	0.000
7.0 - 9.0	.021
9.0 - 12.0	.004
12.0 - 16.0	.003
16.0 - 21.0	.002
21.0 - 28.0	.004
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

FLIGHT NUMBER 008 36  
DATE 27 JAN 1972  
TIME 16 28 1  
COUNTER NUMBER 4169

AIRCRAFT ALTITUDE (KM) 13.4  
AIRCRAFT VELOCITY (M/S) 242.0  
AMBIENT TEMPERATURE (DEG K) 216.0

SAMPLED VOLUME (CM\*\*3) 425.0  
SAMPLE INTERVAL (M) 1451.7  
NUMBER DENSITY (NO/CM\*\*3) .12  
LIQ. WATER CONTENT (GM/M\*\*3) .000

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.009
7.0 - 9.0	.011
9.0 - 12.0	.012
12.0 - 16.0	.005
16.0 - 21.0	.001
21.0 - 28.0	.002
28.0 - 36.0	.001
36.0 - 47.0	0.000
47.0 - 62.0	0.000
62.0 - 82.0	0.000
82.0 - 108.0	0.000

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FLIGHT NUMBER	008	37	FLIGHT NUMBER	008	38	FLIGHT NUMBER	008	39
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 28 6			TIME 16 28 11			TIME 16 28 17		
COUNTER NUMBER 4170			COUNTER NUMBER 4171			COUNTER NUMBER 4172		
AIRCRAFT ALTITUDE (KM)	13.4		AIRCRAFT ALTITUDE (KM)	13.4		AIRCRAFT ALTITUDE (KM)	13.4	
AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5	
AMBIENT TEMPERATURE (DEG K)	216.1		AMBIENT TEMPERATURE (DEG K)	216.2		AMBIENT TEMPERATURE (DEG K)	216.3	
SAMPLED VOLUME (CM**3)	430.0		SAMPLED VOLUME (CM**3)	516.0		SAMPLED VOLUME (CM**3)	516.0	
SAMPLE INTERVAL (M)	1216.2		SAMPLE INTERVAL (M)	1222.6		SAMPLE INTERVAL (M)	1467.2	
NUMBER DENSITY (NO/CM**3)	.15		NUMBER DENSITY (NO/CM**3)	.13		NUMBER DENSITY (NO/CM**3)	.12	
LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.000		LIG. WATER CONTENT (GM/M**3)	.000	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.014		5.5 - 7.0	.023		5.5 - 7.0	.019	
7.0 - 9.0	.003		7.0 - 9.0	.006		7.0 - 9.0	.012	
9.0 - 12.0	0.000		9.0 - 12.0	.006		9.0 - 12.0	0.000	
12.0 - 16.0	.007		12.0 - 16.0	.001		12.0 - 16.0	0.000	
16.0 - 21.0	.007		16.0 - 21.0	.008		16.0 - 21.0	.008	
21.0 - 28.0	.005		21.0 - 28.0	.001		21.0 - 28.0	.003	
28.0 - 36.0	.002		28.0 - 36.0	.001		28.0 - 36.0	.001	
36.0 - 47.0	.001		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 106.0	0.000		82.0 - 106.0	0.000		82.0 - 106.0	0.000	
FLIGHT NUMBER	008	40	FLIGHT NUMBER	008	41	FLIGHT NUMBER	008	42
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 28 23			TIME 16 28 28			TIME 16 28 33		
COUNTER NUMBER 4173			COUNTER NUMBER 4174			COUNTER NUMBER 4175		
AIRCRAFT ALTITUDE (KM)	13.1		AIRCRAFT ALTITUDE (KM)	13.1		AIRCRAFT ALTITUDE (KM)	13.1	
AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5	
AMBIENT TEMPERATURE (DEG K)	216.4		AMBIENT TEMPERATURE (DEG K)	216.5		AMBIENT TEMPERATURE (DEG K)	216.6	
SAMPLED VOLUME (CM**3)	430.0		SAMPLED VOLUME (CM**3)	430.0		SAMPLED VOLUME (CM**3)	344.0	
SAMPLE INTERVAL (M)	1467.2		SAMPLE INTERVAL (M)	1222.6		SAMPLE INTERVAL (M)	1222.6	
NUMBER DENSITY (NO/CM**3)	.14		NUMBER DENSITY (NO/CM**3)	.19		NUMBER DENSITY (NO/CM**3)	.26	
LIG. WATER CONTENT (GM/M**3)	.000		LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.001	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.019		5.5 - 7.0	.023		5.5 - 7.0	.012	
7.0 - 9.0	.024		7.0 - 9.0	.007		7.0 - 9.0	.045	
9.0 - 12.0	.002		9.0 - 12.0	0.000		9.0 - 12.0	0.000	
12.0 - 16.0	.005		12.0 - 16.0	.010		12.0 - 16.0	.011	
16.0 - 21.0	.004		16.0 - 21.0	.013		16.0 - 21.0	.007	
21.0 - 28.0	.001		21.0 - 28.0	.003		21.0 - 28.0	.005	
28.0 - 36.0	.001		28.0 - 36.0	.002		28.0 - 36.0	.003	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	.001	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 106.0	0.000		82.0 - 106.0	0.000		82.0 - 106.0	0.000	
FLIGHT NUMBER	008	43	FLIGHT NUMBER	008	44	FLIGHT NUMBER	008	45
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 28 37			TIME 16 28 43			TIME 16 28 47		
COUNTER NUMBER 4176			COUNTER NUMBER 4177			COUNTER NUMBER 4178		
AIRCRAFT ALTITUDE (KM)	13.1		AIRCRAFT ALTITUDE (KM)	13.1		AIRCRAFT ALTITUDE (KM)	13.1	
AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5	
AMBIENT TEMPERATURE (DEG K)	216.7		AMBIENT TEMPERATURE (DEG K)	216.8		AMBIENT TEMPERATURE (DEG K)	216.9	
SAMPLED VOLUME (CM**3)	516.0		SAMPLED VOLUME (CM**3)	344.0		SAMPLED VOLUME (CM**3)	516.0	
SAMPLE INTERVAL (M)	978.1		SAMPLE INTERVAL (M)	1467.2		SAMPLE INTERVAL (M)	978.1	
NUMBER DENSITY (NO/CM**3)	.15		NUMBER DENSITY (NO/CM**3)	.21		NUMBER DENSITY (NO/CM**3)	.16	
LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.001	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.016		5.5 - 7.0	0.000		5.5 - 7.0	.023	
7.0 - 9.0	.003		7.0 - 9.0	.009		7.0 - 9.0	.009	
9.0 - 12.0	.004		9.0 - 12.0	.020		9.0 - 12.0	.002	
12.0 - 16.0	.006		12.0 - 16.0	.004		12.0 - 16.0	.010	
16.0 - 21.0	.006		16.0 - 21.0	.007		16.0 - 21.0	.010	
21.0 - 28.0	.007		21.0 - 28.0	.004		21.0 - 28.0	0.000	
28.0 - 36.0	.001		28.0 - 36.0	.007		28.0 - 36.0	.001	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 106.0	0.000		82.0 - 106.0	0.000		82.0 - 106.0	0.000	
FLIGHT NUMBER	008	46	FLIGHT NUMBER	008	47	FLIGHT NUMBER	008	48
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 28 53			TIME 16 28 58			TIME 16 29 3		
COUNTER NUMBER 4179			COUNTER NUMBER 4180			COUNTER NUMBER 4181		
AIRCRAFT ALTITUDE (KM)	13.1		AIRCRAFT ALTITUDE (KM)	13.1		AIRCRAFT ALTITUDE (KM)	13.1	
AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	247.1		AIRCRAFT VELOCITY (M/S)	247.1	
AMBIENT TEMPERATURE (DEG K)	217.0		AMBIENT TEMPERATURE (DEG K)	217.1		AMBIENT TEMPERATURE (DEG K)	217.2	
SAMPLED VOLUME (CM**3)	430.0		SAMPLED VOLUME (CM**3)	435.0		SAMPLED VOLUME (CM**3)	435.0	
SAMPLE INTERVAL (M)	1467.2		SAMPLE INTERVAL (M)	1229.1		SAMPLE INTERVAL (M)	1235.5	
NUMBER DENSITY (NO/CM**3)	.19		NUMBER DENSITY (NO/CM**3)	.16		NUMBER DENSITY (NO/CM**3)	.19	
LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.002		LIG. WATER CONTENT (GM/M**3)	.001	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.033		5.5 - 7.0	.009		5.5 - 7.0	.018	
7.0 - 9.0	.007		7.0 - 9.0	.003		7.0 - 9.0	.017	
9.0 - 12.0	.002		9.0 - 12.0	.005		9.0 - 12.0	.002	
12.0 - 16.0	.002		12.0 - 16.0	.007		12.0 - 16.0	.007	
16.0 - 21.0	.010		16.0 - 21.0	.010		16.0 - 21.0	.010	
21.0 - 28.0	.006		21.0 - 28.0	.003		21.0 - 28.0	.002	
28.0 - 36.0	.002		28.0 - 36.0	.002		28.0 - 36.0	.003	
36.0 - 47.0	.001		36.0 - 47.0	0.000		36.0 - 47.0	.001	
47.0 - 62.0	0.000		47.0 - 62.0	.001		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 106.0	0.000		82.0 - 106.0	0.000		82.0 - 106.0	0.000	

FLIGHT NUMBER	008	49	FLIGHT NUMBER	008	50	FLIGHT NUMBER	008	51
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 29 8			TIME 16 29 14			TIME 16 29 20		
COUNTER NUMBER 4182			COUNTER NUMBER 4183			COUNTER NUMBER 4184		
AIRCRAFT ALTITUDE (KM)	13.1		AIRCRAFT ALTITUDE (KM)	13.1		AIRCRAFT ALTITUDE (KM)	13.1	
AIRCRAFT VELOCITY (M/S)	247.1		AIRCRAFT VELOCITY (M/S)	247.1		AIRCRAFT VELOCITY (M/S)	247.1	
AMBIENT TEMPERATURE (DEG K)	217.2		AMBIENT TEMPERATURE (DEG K)	217.3		AMBIENT TEMPERATURE (DEG K)	217.3	
SAMPLED VOLUME (CM**3)	522.0		SAMPLED VOLUME (CM**3)	522.0		SAMPLED VOLUME (CM**3)	435.0	
SAMPLE INTERVAL (M)	1235.5		SAMPLE INTERVAL (M)	1482.6		SAMPLE INTERVAL (M)	1482.6	
NUMBER DENSITY (NO/CM**3)	.09		NUMBER DENSITY (NO/CM**3)	.11		NUMBER DENSITY (NO/CM**3)	.11	
LIG. WATER CONTENT (GM/M**3)	.000		LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.001	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.004		5.5 - 7.0	.004		5.5 - 7.0	.014	
7.0 - 9.0	.011		7.0 - 9.0	.011		7.0 - 9.0	.003	
9.0 - 12.0	.002		9.0 - 12.0	.004		9.0 - 12.0	.002	
12.0 - 16.0	.003		12.0 - 16.0	.003		12.0 - 16.0	0.000	
16.0 - 21.0	.002		16.0 - 21.0	.002		16.0 - 21.0	.006	
21.0 - 28.0	.002		21.0 - 28.0	.004		21.0 - 28.0	.005	
28.0 - 36.0	.002		28.0 - 36.0	.001		28.0 - 36.0	.002	
36.0 - 47.0	0.000		36.0 - 47.0	.001		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	008	52	FLIGHT NUMBER	008	53	FLIGHT NUMBER	008	54
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 29 25			TIME 16 29 30			TIME 16 29 35		
COUNTER NUMBER 4185			COUNTER NUMBER 4186			COUNTER NUMBER 4187		
AIRCRAFT ALTITUDE (KM)	13.1		AIRCRAFT ALTITUDE (KM)	13.1		AIRCRAFT ALTITUDE (KM)	13.1	
AIRCRAFT VELOCITY (M/S)	247.1		AIRCRAFT VELOCITY (M/S)	247.1		AIRCRAFT VELOCITY (M/S)	247.1	
AMBIENT TEMPERATURE (DEG K)	217.4		AMBIENT TEMPERATURE (DEG K)	217.4		AMBIENT TEMPERATURE (DEG K)	217.5	
SAMPLED VOLUME (CM**3)	435.0		SAMPLED VOLUME (CM**3)	435.0		SAMPLED VOLUME (CM**3)	435.0	
SAMPLE INTERVAL (M)	1235.5		SAMPLE INTERVAL (M)	1235.5		SAMPLE INTERVAL (M)	1235.5	
NUMBER DENSITY (NO/CM**3)	.11		NUMBER DENSITY (NO/CM**3)	.18		NUMBER DENSITY (NO/CM**3)	.12	
LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.001	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.005		5.5 - 7.0	.014		5.5 - 7.0	.014	
7.0 - 9.0	.007		7.0 - 9.0	.024		7.0 - 9.0	0.000	
9.0 - 12.0	.002		9.0 - 12.0	0.000		9.0 - 12.0	.007	
12.0 - 16.0	.005		12.0 - 16.0	.005		12.0 - 16.0	.007	
16.0 - 21.0	.001		16.0 - 21.0	.010		16.0 - 21.0	.003	
21.0 - 28.0	.006		21.0 - 28.0	.006		21.0 - 28.0	.004	
28.0 - 36.0	.001		28.0 - 36.0	0.000		28.0 - 36.0	.001	
36.0 - 47.0	.001		36.0 - 47.0	0.000		36.0 - 47.0	.001	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	008	55	FLIGHT NUMBER	008	56	FLIGHT NUMBER	008	57
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 29 40			TIME 16 29 45			TIME 16 29 50		
COUNTER NUMBER 4188			COUNTER NUMBER 4189			COUNTER NUMBER 4190		
AIRCRAFT ALTITUDE (KM)	13.1		AIRCRAFT ALTITUDE (KM)	13.1		AIRCRAFT ALTITUDE (KM)	13.1	
AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5	
AMBIENT TEMPERATURE (DEG K)	217.6		AMBIENT TEMPERATURE (DEG K)	217.6		AMBIENT TEMPERATURE (DEG K)	217.7	
SAMPLED VOLUME (CM**3)	430.0		SAMPLED VOLUME (CM**3)	430.0		SAMPLED VOLUME (CM**3)	430.0	
SAMPLE INTERVAL (M)	1229.1		SAMPLE INTERVAL (M)	1222.6		SAMPLE INTERVAL (M)	1222.6	
NUMBER DENSITY (NO/CM**3)	.16		NUMBER DENSITY (NO/CM**3)	.23		NUMBER DENSITY (NO/CM**3)	.29	
LIG. WATER CONTENT (GM/M**3)	.003		LIG. WATER CONTENT (GM/M**3)	.001		LIG. WATER CONTENT (GM/M**3)	.003	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.019		5.5 - 7.0	.039		5.5 - 7.0	.014	
7.0 - 9.0	.007		7.0 - 9.0	.014		7.0 - 9.0	.014	
9.0 - 12.0	.005		9.0 - 12.0	.005		9.0 - 12.0	.007	
12.0 - 16.0	.005		12.0 - 16.0	.009		12.0 - 16.0	.016	
16.0 - 21.0	.003		16.0 - 21.0	.006		16.0 - 21.0	.004	
21.0 - 28.0	.006		21.0 - 28.0	.005		21.0 - 28.0	.006	
28.0 - 36.0	.001		28.0 - 36.0	.003		28.0 - 36.0	.009	
36.0 - 47.0	.001		36.0 - 47.0	0.000		36.0 - 47.0	.001	
47.0 - 62.0	.000		47.0 - 62.0	0.000		47.0 - 62.0	.000	
62.0 - 82.0	.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	008	58	FLIGHT NUMBER	008	59	FLIGHT NUMBER	008	60
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 29 55			TIME 16 30 0			TIME 16 30 5		
COUNTER NUMBER 4191			COUNTER NUMBER 4192			COUNTER NUMBER 4193		
AIRCRAFT ALTITUDE (KM)	13.1		AIRCRAFT ALTITUDE (KM)	13.1		AIRCRAFT ALTITUDE (KM)	13.1	
AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	242.0		AIRCRAFT VELOCITY (M/S)	242.0	
AMBIENT TEMPERATURE (DEG K)	217.7		AMBIENT TEMPERATURE (DEG K)	217.8		AMBIENT TEMPERATURE (DEG K)	217.8	
SAMPLED VOLUME (CM**3)	430.0		SAMPLED VOLUME (CM**3)	425.0		SAMPLED VOLUME (CM**3)	425.0	
SAMPLE INTERVAL (M)	1222.6		SAMPLE INTERVAL (M)	1216.2		SAMPLE INTERVAL (M)	1209.8	
NUMBER DENSITY (NO/CM**3)	.37		NUMBER DENSITY (NO/CM**3)	.34		NUMBER DENSITY (NO/CM**3)	.26	
LIG. WATER CONTENT (GM/M**3)	.005		LIG. WATER CONTENT (GM/M**3)	.002		LIG. WATER CONTENT (GM/M**3)	.002	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.014		5.5 - 7.0	.014		5.5 - 7.0	.019	
7.0 - 9.0	.062		7.0 - 9.0	.021		7.0 - 9.0	.004	
9.0 - 12.0	.005		9.0 - 12.0	.029		9.0 - 12.0	.002	
12.0 - 16.0	.009		12.0 - 16.0	.009		12.0 - 16.0	.018	
16.0 - 21.0	.012		16.0 - 21.0	.008		16.0 - 21.0	.006	
21.0 - 28.0	.001		21.0 - 28.0	.010		21.0 - 28.0	.011	
28.0 - 36.0	.009		28.0 - 36.0	.004		28.0 - 36.0	.003	
36.0 - 47.0	.001		36.0 - 47.0	.001		36.0 - 47.0	.001	
47.0 - 62.0	.001		47.0 - 62.0	0.000		47.0 - 62.0	.000	
62.0 - 82.0	.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	

FLIGHT NUMBER	008	61	FLIGHT NUMBER	008	62	FLIGHT NUMBER	008	63
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 30 10			TIME 16 30 16			TIME 16 30 22		
COUNTER NUMBER 4194			COUNTER NUMBER 4195			COUNTER NUMBER 4196		
AIRCRAFT ALTITUDE (KM)	13.1		AIRCRAFT ALTITUDE (KM)	13.1		AIRCRAFT ALTITUDE (KM)	13.1	
AIRCRAFT VELOCITY (M/S)	242.0		AIRCRAFT VELOCITY (M/S)	242.0		AIRCRAFT VELOCITY (M/S)	242.0	
AMBIENT TEMPERATURE (DEG K)	217.9		AMBIENT TEMPERATURE (DEG K)	218.0		AMBIENT TEMPERATURE (DEG K)	218.1	
SAMPLED VOLUME (CM**3)	510.0		SAMPLED VOLUME (CM**3)	510.0		SAMPLED VOLUME (CM**3)	425.0	
SAMPLE INTERVAL (M)	1209.8		SAMPLE INTERVAL (M)	1451.7		SAMPLE INTERVAL (M)	1451.7	
NUMBER DENSITY (NO/CM**3)	.29		NUMBER DENSITY (NO/CM**3)	.17		NUMBER DENSITY (NO/CM**3)	.28	
LIQ. WATER CONTENT (GM/M**3)	.002		LIQ. WATER CONTENT (GM/M**3)	.001		LIQ. WATER CONTENT (GM/M**3)	.001	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.008		5.5 - 7.0	0.000		5.5 - 7.0	.039	
7.0 - 9.0	.027		7.0 - 9.0	.021		7.0 - 9.0	.025	
9.0 - 12.0	.012		9.0 - 12.0	.008		9.0 - 12.0	.012	
12.0 - 16.0	.004		12.0 - 16.0	0.000		12.0 - 16.0	.005	
16.0 - 21.0	.016		16.0 - 21.0	.012		16.0 - 21.0	.010	
21.0 - 28.0	.009		21.0 - 28.0	.005		21.0 - 28.0	.005	
28.0 - 36.0	.001		28.0 - 36.0	.001		28.0 - 36.0	.004	
36.0 - 47.0	.001		36.0 - 47.0	.001		36.0 - 47.0	.001	
47.0 - 62.0	.001		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 106.0	0.000		82.0 - 106.0	0.000		82.0 - 106.0	0.000	
FLIGHT NUMBER	008	64	FLIGHT NUMBER	008	65	FLIGHT NUMBER	008	66
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 30 27			TIME 16 30 32			TIME 16 30 37		
COUNTER NUMBER 4197			COUNTER NUMBER 4198			COUNTER NUMBER 4199		
AIRCRAFT ALTITUDE (KM)	13.1		AIRCRAFT ALTITUDE (KM)	13.1		AIRCRAFT ALTITUDE (KM)	12.8	
AIRCRAFT VELOCITY (M/S)	242.0		AIRCRAFT VELOCITY (M/S)	242.0		AIRCRAFT VELOCITY (M/S)	242.0	
AMBIENT TEMPERATURE (DEG K)	218.2		AMBIENT TEMPERATURE (DEG K)	218.3		AMBIENT TEMPERATURE (DEG K)	218.4	
SAMPLED VOLUME (CM**3)	425.0		SAMPLED VOLUME (CM**3)	425.0		SAMPLED VOLUME (CM**3)	510.0	
SAMPLE INTERVAL (M)	1209.8		SAMPLE INTERVAL (M)	1209.8		SAMPLE INTERVAL (M)	1209.8	
NUMBER DENSITY (NO/CM**3)	.21		NUMBER DENSITY (NO/CM**3)	.18		NUMBER DENSITY (NO/CM**3)	.07	
LIQ. WATER CONTENT (GM/M**3)	.001		LIQ. WATER CONTENT (GM/M**3)	.001		LIQ. WATER CONTENT (GM/M**3)	.000	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.024		5.5 - 7.0	.028		5.5 - 7.0	.004	
7.0 - 9.0	.007		7.0 - 9.0	.018		7.0 - 9.0	.009	
9.0 - 12.0	.007		9.0 - 12.0	.002		9.0 - 12.0	.002	
12.0 - 16.0	.016		12.0 - 16.0	.005		12.0 - 16.0	.003	
16.0 - 21.0	.004		16.0 - 21.0	.007		16.0 - 21.0	0.000	
21.0 - 28.0	.004		21.0 - 28.0	.004		21.0 - 28.0	.003	
28.0 - 36.0	.004		28.0 - 36.0	0.000		28.0 - 36.0	.001	
36.0 - 47.0	0.000		36.0 - 47.0	.001		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 106.0	0.000		82.0 - 106.0	0.000		82.0 - 106.0	0.000	
FLIGHT NUMBER	008	67	FLIGHT NUMBER	008	68	FLIGHT NUMBER	008	69
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 30 43			TIME 16 30 47			TIME 16 30 53		
COUNTER NUMBER 4200			COUNTER NUMBER 4201			COUNTER NUMBER 4202		
AIRCRAFT ALTITUDE (KM)	12.8		AIRCRAFT ALTITUDE (KM)	12.8		AIRCRAFT ALTITUDE (KM)	12.8	
AIRCRAFT VELOCITY (M/S)	242.0		AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5	
AMBIENT TEMPERATURE (DEG K)	218.5		AMBIENT TEMPERATURE (DEG K)	218.5		AMBIENT TEMPERATURE (DEG K)	218.6	
SAMPLED VOLUME (CM**3)	340.0		SAMPLED VOLUME (CM**3)	516.0		SAMPLED VOLUME (CM**3)	344.0	
SAMPLE INTERVAL (M)	1451.7		SAMPLE INTERVAL (M)	973.0		SAMPLE INTERVAL (M)	1467.2	
NUMBER DENSITY (NO/CM**3)	.09		NUMBER DENSITY (NO/CM**3)	.09		NUMBER DENSITY (NO/CM**3)	.13	
LIQ. WATER CONTENT (GM/M**3)	.000		LIQ. WATER CONTENT (GM/M**3)	.000		LIQ. WATER CONTENT (GM/M**3)	.000	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.006		5.5 - 7.0	.012		5.5 - 7.0	.023	
7.0 - 9.0	.009		7.0 - 9.0	.006		7.0 - 9.0	.004	
9.0 - 12.0	.003		9.0 - 12.0	.008		9.0 - 12.0	.009	
12.0 - 16.0	.004		12.0 - 16.0	.003		12.0 - 16.0	.007	
16.0 - 21.0	.004		16.0 - 21.0	.003		16.0 - 21.0	.002	
21.0 - 28.0	.001		21.0 - 28.0	.002		21.0 - 28.0	.002	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	.001	
36.0 - 47.0	.001		36.0 - 47.0	0.000		36.0 - 47.0	0.000	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	0.000	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	0.000	
82.0 - 106.0	0.000		82.0 - 106.0	0.000		82.0 - 106.0	0.000	
FLIGHT NUMBER	008	70	FLIGHT NUMBER	008	71	FLIGHT NUMBER	008	72
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 30 57			TIME 16 31 3			TIME 16 40 42		
COUNTER NUMBER 4213			COUNTER NUMBER 4204			COUNTER NUMBER 4218		
AIRCRAFT ALTITUDE (KM)	12.8		AIRCRAFT ALTITUDE (KM)	12.8		AIRCRAFT ALTITUDE (KM)	11.6	
AIRCRAFT VELOCITY (M/S)	247.1		AIRCRAFT VELOCITY (M/S)	249.7		AIRCRAFT VELOCITY (M/S)	229.1	
AMBIENT TEMPERATURE (DEG K)	218.7		AMBIENT TEMPERATURE (DEG K)	218.8		AMBIENT TEMPERATURE (DEG K)	228.9	
SAMPLED VOLUME (CM**3)	522.0		SAMPLED VOLUME (CM**3)	522.0		SAMPLED VOLUME (CM**3)	405.0	
SAMPLE INTERVAL (M)	983.3		SAMPLE INTERVAL (M)	1490.3		SAMPLE INTERVAL (M)	0.0	
NUMBER DENSITY (NO/CM**3)	.06		NUMBER DENSITY (NO/CM**3)	.02		NUMBER DENSITY (NO/CM**3)	.53	
LIQ. WATER CONTENT (GM/M**3)	.000		LIQ. WATER CONTENT (GM/M**3)	.000		LIQ. WATER CONTENT (GM/M**3)	.007	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.006		5.5 - 7.0	.004		5.5 - 7.0	.041	
7.0 - 9.0	.003		7.0 - 9.0	0.000		7.0 - 9.0	.019	
9.0 - 12.0	.004		9.0 - 12.0	0.000		9.0 - 12.0	.030	
12.0 - 16.0	.001		12.0 - 16.0	.001		12.0 - 16.0	.013	
16.0 - 21.0	.002		16.0 - 21.0	0.000		16.0 - 21.0	.018	
21.0 - 28.0	.002		21.0 - 28.0	.002		21.0 - 28.0	.011	
28.0 - 36.0	0.000		28.0 - 36.0	0.000		28.0 - 36.0	.009	
36.0 - 47.0	0.000		36.0 - 47.0	0.000		36.0 - 47.0	.002	
47.0 - 62.0	0.000		47.0 - 62.0	0.000		47.0 - 62.0	.001	
62.0 - 82.0	0.000		62.0 - 82.0	0.000		62.0 - 82.0	.001	
82.0 - 106.0	0.000		82.0 - 106.0	0.000		82.0 - 106.0	0.000	

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FLIGHT NUMBER 008 73  
DATE 27 JAN 1972  
TIME 16 40 47  
COUNTER NUMBER 4219

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 226.5  
AMBIENT TEMPERATURE (DEG K) 229.1  
  
SAMPLED VOLUME (CM\*\*3) 486.0  
SAMPLE INTERVAL (M) 1139.0  
NUMBER DENSITY (NO/CM\*\*3) .50  
LIQ. WATER CONTENT (GM/M\*\*3) .005

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.025
7.0 - 9.0	.019
9.0 - 12.0	.023
12.0 - 16.0	.008
16.0 - 21.0	.018
21.0 - 28.0	.017
28.0 - 36.0	.009
36.0 - 47.0	.003
47.0 - 62.0	.000
62.0 - 82.0	.000
82.0 - 106.0	0.000

FLIGHT NUMBER 008 74  
DATE 27 JAN 1972  
TIME 16 40 53  
COUNTER NUMBER 4220

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 226.5  
AMBIENT TEMPERATURE (DEG K) 229.1  
  
SAMPLED VOLUME (CM\*\*3) 405.0  
SAMPLE INTERVAL (M) 1359.1  
NUMBER DENSITY (NO/CM\*\*3) .98  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.051
7.0 - 9.0	.042
9.0 - 12.0	.056
12.0 - 16.0	.036
16.0 - 21.0	.009
21.0 - 28.0	.035
28.0 - 36.0	.016
36.0 - 47.0	.003
47.0 - 62.0	.002
62.0 - 82.0	.001
82.0 - 106.0	0.000

FLIGHT NUMBER 008 75  
DATE 27 JAN 1972  
TIME 16 40 58  
COUNTER NUMBER 4221

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 231.7  
AMBIENT TEMPERATURE (DEG K) 229.6  
  
SAMPLED VOLUME (CM\*\*3) 410.0  
SAMPLE INTERVAL (M) 1145.4  
NUMBER DENSITY (NO/CM\*\*3) .71  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.024
7.0 - 9.0	.041
9.0 - 12.0	.023
12.0 - 16.0	.026
16.0 - 21.0	.017
21.0 - 28.0	.021
28.0 - 36.0	.017
36.0 - 47.0	.002
47.0 - 62.0	.001
62.0 - 82.0	.000
82.0 - 106.0	0.000

FLIGHT NUMBER 008 76  
DATE 27 JAN 1972  
TIME 16 41 3  
COUNTER NUMBER 4222

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 226.5  
AMBIENT TEMPERATURE (DEG K) 229.6  
  
SAMPLED VOLUME (CM\*\*3) 405.0  
SAMPLE INTERVAL (M) 1145.4  
NUMBER DENSITY (NO/CM\*\*3) .89  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.071
7.0 - 9.0	.046
9.0 - 12.0	.044
12.0 - 16.0	.035
16.0 - 21.0	.021
21.0 - 28.0	.018
28.0 - 36.0	.012
36.0 - 47.0	.005
47.0 - 62.0	.002
62.0 - 82.0	.001
82.0 - 106.0	0.000

FLIGHT NUMBER 008 77  
DATE 27 JAN 1972  
TIME 16 41 8  
COUNTER NUMBER 4223

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 229.1  
AMBIENT TEMPERATURE (DEG K) 229.9  
  
SAMPLED VOLUME (CM\*\*3) 486.0  
SAMPLE INTERVAL (M) 1139.0  
NUMBER DENSITY (NO/CM\*\*3) .82  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.051
7.0 - 9.0	.055
9.0 - 12.0	.008
12.0 - 16.0	.037
16.0 - 21.0	.028
21.0 - 28.0	.023
28.0 - 36.0	.010
36.0 - 47.0	.004
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 106.0	0.000

FLIGHT NUMBER 008 78  
DATE 27 JAN 1972  
TIME 16 41 14  
COUNTER NUMBER 4224

AIRCRAFT ALTITUDE (KM) 11.6  
AIRCRAFT VELOCITY (M/S) 231.7  
AMBIENT TEMPERATURE (DEG K) 230.1  
  
SAMPLED VOLUME (CM\*\*3) 410.0  
SAMPLE INTERVAL (M) 1382.2  
NUMBER DENSITY (NO/CM\*\*3) 1.04  
LIQ. WATER CONTENT (GM/M\*\*3) .015

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.096
7.0 - 9.0	.038
9.0 - 12.0	.020
12.0 - 16.0	.068
16.0 - 21.0	.017
21.0 - 28.0	.023
28.0 - 36.0	.014
36.0 - 47.0	.008
47.0 - 62.0	.002
62.0 - 82.0	.000
82.0 - 106.0	.000

FLIGHT NUMBER 008 79  
DATE 27 JAN 1972  
TIME 16 41 19  
COUNTER NUMBER 4225

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 226.5  
AMBIENT TEMPERATURE (DEG K) 230.7  
  
SAMPLED VOLUME (CM\*\*3) 405.0  
SAMPLE INTERVAL (M) 1145.4  
NUMBER DENSITY (NO/CM\*\*3) 1.33  
LIQ. WATER CONTENT (GM/M\*\*3) .015

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.076
7.0 - 9.0	.077
9.0 - 12.0	.038
12.0 - 16.0	.031
16.0 - 21.0	.041
21.0 - 28.0	.046
28.0 - 36.0	.023
36.0 - 47.0	.004
47.0 - 62.0	.004
62.0 - 82.0	.000
82.0 - 106.0	0.000

FLIGHT NUMBER 008 80  
DATE 27 JAN 1972  
TIME 16 41 24  
COUNTER NUMBER 4226

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 226.5  
AMBIENT TEMPERATURE (DEG K) 230.9  
  
SAMPLED VOLUME (CM\*\*3) 405.0  
SAMPLE INTERVAL (M) 1132.6  
NUMBER DENSITY (NO/CM\*\*3) 2.14  
LIQ. WATER CONTENT (GM/M\*\*3) .034

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.148
7.0 - 9.0	.115
9.0 - 12.0	.041
12.0 - 16.0	.044
16.0 - 21.0	.052
21.0 - 28.0	.072
28.0 - 36.0	.041
36.0 - 47.0	.018
47.0 - 62.0	.005
62.0 - 82.0	.001
82.0 - 106.0	.001

FLIGHT NUMBER 008 81  
DATE 27 JAN 1972  
TIME 16 41 29  
COUNTER NUMBER 4227

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 229.1  
AMBIENT TEMPERATURE (DEG K) 231.1  
  
SAMPLED VOLUME (CM\*\*3) 486.0  
SAMPLE INTERVAL (M) 1139.0  
NUMBER DENSITY (NO/CM\*\*3) 1.18  
LIQ. WATER CONTENT (GM/M\*\*3) .015

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.111
7.0 - 9.0	.044
9.0 - 12.0	.032
12.0 - 16.0	.042
16.0 - 21.0	.026
21.0 - 28.0	.039
28.0 - 36.0	.018
36.0 - 47.0	.006
47.0 - 62.0	.003
62.0 - 82.0	0.000
82.0 - 106.0	.000

FLIGHT NUMBER 008 82  
DATE 27 JAN 1972  
TIME 16 41 35  
COUNTER NUMBER 4228

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 229.1  
AMBIENT TEMPERATURE (DEG K) 231.4  
  
SAMPLED VOLUME (CM\*\*3) 405.0  
SAMPLE INTERVAL (M) 1374.5  
NUMBER DENSITY (NO/CM\*\*3) .57  
LIQ. WATER CONTENT (GM/M\*\*3) .006

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.046
7.0 - 9.0	.011
9.0 - 12.0	.017
12.0 - 16.0	.021
16.0 - 21.0	.012
21.0 - 28.0	.021
28.0 - 36.0	.006
36.0 - 47.0	.006
47.0 - 62.0	.001
62.0 - 82.0	.000
82.0 - 106.0	0.000

FLIGHT NUMBER 008 83  
DATE 27 JAN 1972  
TIME 16 41 40  
COUNTER NUMBER 4229

AIRCRAFT ALTITUDE (KM) 11.3  
AIRCRAFT VELOCITY (M/S) 229.1  
AMBIENT TEMPERATURE (DEG K) 231.7  
  
SAMPLED VOLUME (CM\*\*3) 405.0  
SAMPLE INTERVAL (M) 1145.4  
NUMBER DENSITY (NO/CM\*\*3) .82  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.082
7.0 - 9.0	.031
9.0 - 12.0	.026
12.0 - 16.0	.025
16.0 - 21.0	.015
21.0 - 28.0	.031
28.0 - 36.0	.010
36.0 - 47.0	.004
47.0 - 62.0	.001
62.0 - 82.0	.001
82.0 - 106.0	0.000

FLIGHT NUMBER 008 84  
DATE 27 JAN 1972  
TIME 16 41 45  
COUNTER NUMBER 4230

AIRCRAFT ALTITUDE (KM) 10.7  
AIRCRAFT VELOCITY (M/S) 231.7  
AMBIENT TEMPERATURE (DEG K) 231.9  
  
SAMPLED VOLUME (CM\*\*3) 410.0  
SAMPLE INTERVAL (M) 1151.9  
NUMBER DENSITY (NO/CM\*\*3) .88  
LIQ. WATER CONTENT (GM/M\*\*3) .010

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0	.060
7.0 - 9.0	.052
9.0 - 12.0	.030
12.0 - 16.0	.040
16.0 - 21.0	.012
21.0 - 28.0	.027
28.0 - 36.0	.013
36.0 - 47.0	.006
47.0 - 62.0	.000
62.0 - 82.0	0.000
82.0 - 106.0	.000

FLIGHT NUMBER	008	85	FLIGHT NUMBER	008	86	FLIGHT NUMBER	008	87
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 41 50			TIME 16 41 55			TIME 16 42 0		
COUNTER NUMBER 4231			COUNTER NUMBER 4232			COUNTER NUMBER 4233		
AIRCRAFT ALTITUDE (KM)	10.7		AIRCRAFT ALTITUDE (KM)	10.7		AIRCRAFT ALTITUDE (KM)	10.7	
AIRCRAFT VELOCITY (M/S)	231.7		AIRCRAFT VELOCITY (M/S)	234.2		AIRCRAFT VELOCITY (M/S)	234.2	
AMBIENT TEMPERATURE (DEG K)	232.2		AMBIENT TEMPERATURE (DEG K)	232.4		AMBIENT TEMPERATURE (DEG K)	232.7	
SAMPLED VOLUME (CM**3)	410.0		SAMPLED VOLUME (CM**3)	415.0		SAMPLED VOLUME (CM**3)	415.0	
SAMPLE INTERVAL (M)	1158.3		SAMPLE INTERVAL (M)	1164.7		SAMPLE INTERVAL (M)	1171.2	
NUMBER DENSITY (NO/CM**3)	1.24		NUMBER DENSITY (NO/CM**3)	1.57		NUMBER DENSITY (NO/CM**3)	1.15	
LIG. WATER CONTENT (GM/M**3)	.019		LIG. WATER CONTENT (GM/M**3)	.017		LIG. WATER CONTENT (GM/M**3)	.017	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.101		5.5 - 7.0	.064		5.5 - 7.0	.050	
7.0 - 9.0	.015		7.0 - 9.0	.131		7.0 - 9.0	.086	
9.0 - 12.0	.017		9.0 - 12.0	.020		9.0 - 12.0	.040	
12.0 - 16.0	.034		12.0 - 16.0	.058		12.0 - 16.0	.041	
16.0 - 21.0	.067		16.0 - 21.0	.060		16.0 - 21.0	.021	
21.0 - 28.0	.029		21.0 - 28.0	.042		21.0 - 28.0	.029	
28.0 - 36.0	.025		28.0 - 36.0	.021		28.0 - 36.0	.024	
36.0 - 47.0	.007		36.0 - 47.0	.007		36.0 - 47.0	.005	
47.0 - 62.0	.003		47.0 - 62.0	.004		47.0 - 62.0	.002	
62.0 - 82.0	0.000		62.0 - 82.0	.000		62.0 - 82.0	.001	
82.0 - 108.0	.001		82.0 - 108.0	0.000		82.0 - 108.0	.000	
FLIGHT NUMBER	008	88	FLIGHT NUMBER	008	89	FLIGHT NUMBER	008	90
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 42 5			TIME 16 42 11			TIME 16 42 16		
COUNTER NUMBER 4234			COUNTER NUMBER 4235			COUNTER NUMBER 4236		
AIRCRAFT ALTITUDE (KM)	10.4		AIRCRAFT ALTITUDE (KM)	10.7		AIRCRAFT ALTITUDE (KM)	10.4	
AIRCRAFT VELOCITY (M/S)	236.8		AIRCRAFT VELOCITY (M/S)	236.8		AIRCRAFT VELOCITY (M/S)	239.4	
AMBIENT TEMPERATURE (DEG K)	232.9		AMBIENT TEMPERATURE (DEG K)	233.4		AMBIENT TEMPERATURE (DEG K)	233.9	
SAMPLED VOLUME (CM**3)	504.0		SAMPLED VOLUME (CM**3)	420.0		SAMPLED VOLUME (CM**3)	420.0	
SAMPLE INTERVAL (M)	1177.6		SAMPLE INTERVAL (M)	1420.8		SAMPLE INTERVAL (M)	1190.5	
NUMBER DENSITY (NO/CM**3)	.59		NUMBER DENSITY (NO/CM**3)	.75		NUMBER DENSITY (NO/CM**3)	1.17	
LIG. WATER CONTENT (GM/M**3)	.006		LIG. WATER CONTENT (GM/M**3)	.012		LIG. WATER CONTENT (GM/M**3)	.011	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.010		5.5 - 7.0	.040		5.5 - 7.0	.079	
7.0 - 9.0	.009		7.0 - 9.0	.037		7.0 - 9.0	.074	
9.0 - 12.0	.028		9.0 - 12.0	.037		9.0 - 12.0	.025	
12.0 - 16.0	.032		12.0 - 16.0	.009		12.0 - 16.0	.042	
16.0 - 21.0	.025		16.0 - 21.0	.031		16.0 - 21.0	.025	
21.0 - 28.0	.015		21.0 - 28.0	.023		21.0 - 28.0	.037	
28.0 - 36.0	.007		28.0 - 36.0	.004		28.0 - 36.0	.024	
36.0 - 47.0	.002		36.0 - 47.0	.007		36.0 - 47.0	.003	
47.0 - 62.0	.002		47.0 - 62.0	.001		47.0 - 62.0	.003	
62.0 - 82.0	0.000		62.0 - 82.0	.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	008	91	FLIGHT NUMBER	008	92	FLIGHT NUMBER	008	93
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 42 21			TIME 16 42 27			TIME 16 42 32		
COUNTER NUMBER 4237			COUNTER NUMBER 4238			COUNTER NUMBER 4239		
AIRCRAFT ALTITUDE (KM)	10.4		AIRCRAFT ALTITUDE (KM)	10.4		AIRCRAFT ALTITUDE (KM)	10.1	
AIRCRAFT VELOCITY (M/S)	239.4		AIRCRAFT VELOCITY (M/S)	239.4		AIRCRAFT VELOCITY (M/S)	239.4	
AMBIENT TEMPERATURE (DEG K)	234.3		AMBIENT TEMPERATURE (DEG K)	234.8		AMBIENT TEMPERATURE (DEG K)	235.2	
SAMPLED VOLUME (CM**3)	504.0		SAMPLED VOLUME (CM**3)	420.0		SAMPLED VOLUME (CM**3)	420.0	
SAMPLE INTERVAL (M)	1196.9		SAMPLE INTERVAL (M)	1436.3		SAMPLE INTERVAL (M)	1196.9	
NUMBER DENSITY (NO/CM**3)	1.09		NUMBER DENSITY (NO/CM**3)	2.03		NUMBER DENSITY (NO/CM**3)	1.47	
LIG. WATER CONTENT (GM/M**3)	.019		LIG. WATER CONTENT (GM/M**3)	.029		LIG. WATER CONTENT (GM/M**3)	.021	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.041		5.5 - 7.0	.079		5.5 - 7.0	.049	
7.0 - 9.0	.050		7.0 - 9.0	.140		7.0 - 9.0	.100	
9.0 - 12.0	.030		9.0 - 12.0	.012		9.0 - 12.0	.049	
12.0 - 16.0	.056		12.0 - 16.0	.061		12.0 - 16.0	.039	
16.0 - 21.0	.020		16.0 - 21.0	.089		16.0 - 21.0	.027	
21.0 - 28.0	.036		21.0 - 28.0	.058		21.0 - 28.0	.061	
28.0 - 36.0	.018		28.0 - 36.0	.029		28.0 - 36.0	.021	
36.0 - 47.0	.005		36.0 - 47.0	.015		36.0 - 47.0	.009	
47.0 - 62.0	.003		47.0 - 62.0	.004		47.0 - 62.0	.003	
62.0 - 82.0	.001		62.0 - 82.0	.001		62.0 - 82.0	.001	
82.0 - 108.0	.000		82.0 - 108.0	.000		82.0 - 108.0	.000	
FLIGHT NUMBER	008	94	FLIGHT NUMBER	008	95	FLIGHT NUMBER	008	96
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 42 37			TIME 16 42 42			TIME 16 42 47		
COUNTER NUMBER 4240			COUNTER NUMBER 4241			COUNTER NUMBER 4242		
AIRCRAFT ALTITUDE (KM)	10.1		AIRCRAFT ALTITUDE (KM)	9.8		AIRCRAFT ALTITUDE (KM)	9.8	
AIRCRAFT VELOCITY (M/S)	242.0		AIRCRAFT VELOCITY (M/S)	242.0		AIRCRAFT VELOCITY (M/S)	242.0	
AMBIENT TEMPERATURE (DEG K)	235.7		AMBIENT TEMPERATURE (DEG K)	236.1		AMBIENT TEMPERATURE (DEG K)	236.5	
SAMPLED VOLUME (CM**3)	425.0		SAMPLED VOLUME (CM**3)	425.0		SAMPLED VOLUME (CM**3)	425.0	
SAMPLE INTERVAL (M)	1203.3		SAMPLE INTERVAL (M)	1209.8		SAMPLE INTERVAL (M)	1209.8	
NUMBER DENSITY (NO/CM**3)	2.61		NUMBER DENSITY (NO/CM**3)	2.35		NUMBER DENSITY (NO/CM**3)	.96	
LIG. WATER CONTENT (GM/M**3)	.027		LIG. WATER CONTENT (GM/M**3)	.021		LIG. WATER CONTENT (GM/M**3)	.009	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.093		5.5 - 7.0	.180		5.5 - 7.0	.058	
7.0 - 9.0	.142		7.0 - 9.0	.135		7.0 - 9.0	.014	
9.0 - 12.0	.029		9.0 - 12.0	.007		9.0 - 12.0	.031	
12.0 - 16.0	.103		12.0 - 16.0	.101		12.0 - 16.0	.035	
16.0 - 21.0	.094		16.0 - 21.0	.079		16.0 - 21.0	.024	
21.0 - 28.0	.088		21.0 - 28.0	.065		21.0 - 28.0	.038	
28.0 - 36.0	.039		28.0 - 36.0	.047		28.0 - 36.0	.019	
36.0 - 47.0	.021		36.0 - 47.0	.010		36.0 - 47.0	.006	
47.0 - 62.0	.002		47.0 - 62.0	.003		47.0 - 62.0	.001	
62.0 - 82.0	.001		62.0 - 82.0	.000		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	

FLIGHT NUMBER	008	97	FLIGHT NUMBER	008	98	FLIGHT NUMBER	008	99
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 42 52			TIME 16 42 57			TIME 16 43 2		
COUNTER NUMBER 4243			COUNTER NUMBER 4244			COUNTER NUMBER 4245		
AIRCRAFT ALTITUDE (KM)	9.8		AIRCRAFT ALTITUDE (KM)	9.8		AIRCRAFT ALTITUDE (KM)	9.4	
AIRCRAFT VELOCITY (M/S)	242.0		AIRCRAFT VELOCITY (M/S)	242.0		AIRCRAFT VELOCITY (M/S)	242.0	
AMBIENT TEMPERATURE (DEG K)	236.9		AMBIENT TEMPERATURE (DEG K)	237.4		AMBIENT TEMPERATURE (DEG K)	237.8	
SAMPLED VOLUME (CM**3)	425.0		SAMPLED VOLUME (CM**3)	425.0		SAMPLED VOLUME (CM**3)	510.0	
SAMPLE INTERVAL (M)	1209.8		SAMPLE INTERVAL (M)	1209.8		SAMPLE INTERVAL (M)	1209.8	
NUMBER DENSITY (NO/CM**3)	1.49		NUMBER DENSITY (NO/CM**3)	2.64		NUMBER DENSITY (NO/CM**3)	2.52	
LIG. WATER CONTENT (GM/M**3)	.014		LIG. WATER CONTENT (GM/M**3)	.032		LIG. WATER CONTENT (GM/M**3)	.025	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.067		5.5 - 7.0	.196		5.5 - 7.0	.139	
7.0 - 9.0	.076		7.0 - 9.0	.128		7.0 - 9.0	.110	
9.0 - 12.0	.042		9.0 - 12.0	.039		9.0 - 12.0	.063	
12.0 - 16.0	.062		12.0 - 16.0	.088		12.0 - 16.0	.078	
16.0 - 21.0	.042		16.0 - 21.0	.080		16.0 - 21.0	.083	
21.0 - 28.0	.047		21.0 - 28.0	.074		21.0 - 28.0	.093	
28.0 - 36.0	.024		28.0 - 36.0	.052		28.0 - 36.0	.039	
36.0 - 47.0	.008		36.0 - 47.0	.018		36.0 - 47.0	.014	
47.0 - 62.0	.003		47.0 - 62.0	.003		47.0 - 62.0	.004	
62.0 - 82.0	0.000		62.0 - 82.0	.001		62.0 - 82.0	0.000	
82.0 - 108.0	0.000		82.0 - 108.0	.000		82.0 - 108.0	.000	
FLIGHT NUMBER	008	100	FLIGHT NUMBER	008	101	FLIGHT NUMBER	008	102
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 43 8			TIME 16 43 13			TIME 16 43 18		
COUNTER NUMBER 4246			COUNTER NUMBER 4247			COUNTER NUMBER 4248		
AIRCRAFT ALTITUDE (KM)	9.4		AIRCRAFT ALTITUDE (KM)	9.1		AIRCRAFT ALTITUDE (KM)	9.1	
AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5	
AMBIENT TEMPERATURE (DEG K)	238.4		AMBIENT TEMPERATURE (DEG K)	239.0		AMBIENT TEMPERATURE (DEG K)	239.6	
SAMPLED VOLUME (CM**3)	430.0		SAMPLED VOLUME (CM**3)	430.0		SAMPLED VOLUME (CM**3)	516.0	
SAMPLE INTERVAL (M)	1459.5		SAMPLE INTERVAL (M)	1222.6		SAMPLE INTERVAL (M)	1222.6	
NUMBER DENSITY (NO/CM**3)	2.54		NUMBER DENSITY (NO/CM**3)	2.89		NUMBER DENSITY (NO/CM**3)	2.18	
LIG. WATER CONTENT (GM/M**3)	.025		LIG. WATER CONTENT (GM/M**3)	.030		LIG. WATER CONTENT (GM/M**3)	.024	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.121		5.5 - 7.0	.169		5.5 - 7.0	.141	
7.0 - 9.0	.091		7.0 - 9.0	.163		7.0 - 9.0	.148	
9.0 - 12.0	.053		9.0 - 12.0	.102		9.0 - 12.0	.012	
12.0 - 16.0	.091		12.0 - 16.0	.099		12.0 - 16.0	.094	
16.0 - 21.0	.106		16.0 - 21.0	.103		16.0 - 21.0	.037	
21.0 - 28.0	.088		21.0 - 28.0	.114		21.0 - 28.0	.073	
28.0 - 36.0	.036		28.0 - 36.0	.003		28.0 - 36.0	.046	
36.0 - 47.0	.012		36.0 - 47.0	.016		36.0 - 47.0	.011	
47.0 - 62.0	.004		47.0 - 62.0	.003		47.0 - 62.0	.004	
62.0 - 82.0	.001		62.0 - 82.0	.002		62.0 - 82.0	.001	
82.0 - 108.0	0.000		82.0 - 108.0	.000		82.0 - 108.0	0.000	
FLIGHT NUMBER	008	103	FLIGHT NUMBER	008	104	FLIGHT NUMBER	008	105
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 43 24			TIME 16 43 28			TIME 16 43 34		
COUNTER NUMBER 4249			COUNTER NUMBER 4250			COUNTER NUMBER 4251		
AIRCRAFT ALTITUDE (KM)	9.1		AIRCRAFT ALTITUDE (KM)	9.1		AIRCRAFT ALTITUDE (KM)	9.1	
AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	244.5		AIRCRAFT VELOCITY (M/S)	242.0	
AMBIENT TEMPERATURE (DEG K)	240.3		AMBIENT TEMPERATURE (DEG K)	240.8		AMBIENT TEMPERATURE (DEG K)	241.6	
SAMPLED VOLUME (CM**3)	344.0		SAMPLED VOLUME (CM**3)	516.0		SAMPLED VOLUME (CM**3)	425.0	
SAMPLE INTERVAL (M)	1467.2		SAMPLE INTERVAL (M)	978.1		SAMPLE INTERVAL (M)	1459.5	
NUMBER DENSITY (NO/CM**3)	1.76		NUMBER DENSITY (NO/CM**3)	1.28		NUMBER DENSITY (NO/CM**3)	1.89	
LIG. WATER CONTENT (GM/M**3)	.022		LIG. WATER CONTENT (GM/M**3)	.012		LIG. WATER CONTENT (GM/M**3)	.027	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.035		5.5 - 7.0	.068		5.5 - 7.0	.083	
7.0 - 9.0	.109		7.0 - 9.0	.030		7.0 - 9.0	.084	
9.0 - 12.0	.045		9.0 - 12.0	.024		9.0 - 12.0	.044	
12.0 - 16.0	.052		12.0 - 16.0	.062		12.0 - 16.0	.031	
16.0 - 21.0	.063		16.0 - 21.0	.036		16.0 - 21.0	.073	
21.0 - 28.0	.048		21.0 - 28.0	.049		21.0 - 28.0	.068	
28.0 - 36.0	.040		28.0 - 36.0	.022		28.0 - 36.0	.037	
36.0 - 47.0	.007		36.0 - 47.0	.006		36.0 - 47.0	.009	
47.0 - 62.0	.006		47.0 - 62.0	.002		47.0 - 62.0	.005	
62.0 - 82.0	.000		62.0 - 82.0	0.000		62.0 - 82.0	.001	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	.000	
FLIGHT NUMBER	008	106	FLIGHT NUMBER	008	107	FLIGHT NUMBER	008	108
DATE 27 JAN 1972			DATE 27 JAN 1972			DATE 27 JAN 1972		
TIME 16 43 39			TIME 16 43 44			TIME 16 43 49		
COUNTER NUMBER 4252			COUNTER NUMBER 4253			COUNTER NUMBER 4254		
AIRCRAFT ALTITUDE (KM)	9.1		AIRCRAFT ALTITUDE (KM)	9.1		AIRCRAFT ALTITUDE (KM)	9.1	
AIRCRAFT VELOCITY (M/S)	242.0		AIRCRAFT VELOCITY (M/S)	239.4		AIRCRAFT VELOCITY (M/S)	236.8	
AMBIENT TEMPERATURE (DEG K)	242.2		AMBIENT TEMPERATURE (DEG K)	242.8		AMBIENT TEMPERATURE (DEG K)	243.4	
SAMPLED VOLUME (CM**3)	425.0		SAMPLED VOLUME (CM**3)	420.0		SAMPLED VOLUME (CM**3)	420.0	
SAMPLE INTERVAL (M)	1209.8		SAMPLE INTERVAL (M)	1203.3		SAMPLE INTERVAL (M)	1190.5	
NUMBER DENSITY (NO/CM**3)	1.85		NUMBER DENSITY (NO/CM**3)	2.04		NUMBER DENSITY (NO/CM**3)	1.84	
LIG. WATER CONTENT (GM/M**3)	.022		LIG. WATER CONTENT (GM/M**3)	.023		LIG. WATER CONTENT (GM/M**3)	.022	
SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM)	NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.093		5.5 - 7.0	.108		5.5 - 7.0	.094	
7.0 - 9.0	.106		7.0 - 9.0	.070		7.0 - 9.0	.070	
9.0 - 12.0	.022		9.0 - 12.0	.084		9.0 - 12.0	.034	
12.0 - 16.0	.068		12.0 - 16.0	.080		12.0 - 16.0	.057	
16.0 - 21.0	.078		16.0 - 21.0	.058		16.0 - 21.0	.041	
21.0 - 28.0	.054		21.0 - 28.0	.056		21.0 - 28.0	.073	
28.0 - 36.0	.026		28.0 - 36.0	.033		28.0 - 36.0	.041	
36.0 - 47.0	.009		36.0 - 47.0	.012		36.0 - 47.0	.011	
47.0 - 62.0	.004		47.0 - 62.0	.004		47.0 - 62.0	.003	
62.0 - 82.0	.001		62.0 - 82.0	.001		62.0 - 82.0	.001	
82.0 - 108.0	0.000		82.0 - 108.0	0.000		82.0 - 108.0	0.000	

FLIGHT NUMBER 008 109  
DATE 27 JAN 1972  
TIME 16 43 54  
COUNTER NUMBER 4255

AIRCRAFT ALTITUDE (KM) 9.1  
AIRCRAFT VELOCITY (M/S) 236.8  
AMBIENT TEMPERATURE (DEG K) 244.0  
  
SAMPLED VOLUME (CM\*\*3) 420.0  
SAMPLE INTERVAL (M) 1164.0  
NUMBER DENSITY (NO/CM\*\*3) 1.49  
LIQ. WATER CONTENT (GM/M\*\*3) .017

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .054  
7.0 - 9.0 .044  
9.0 - 12.0 .037  
12.0 - 16.0 .063  
16.0 - 21.0 .039  
21.0 - 28.0 .052  
28.0 - 36.0 .034  
36.0 - 47.0 .006  
47.0 - 62.0 .003  
62.0 - 82.0 .001  
82.0 - 108.0 0.000

FLIGHT NUMBER 008 110  
DATE 27 JAN 1972  
TIME 16 43 59  
COUNTER NUMBER 4256

AIRCRAFT ALTITUDE (KM) 9.1  
AIRCRAFT VELOCITY (M/S) 234.2  
AMBIENT TEMPERATURE (DEG K) 244.6  
  
SAMPLED VOLUME (CM\*\*3) 498.0  
SAMPLE INTERVAL (M) 1177.6  
NUMBER DENSITY (NO/CM\*\*3) 1.12  
LIQ. WATER CONTENT (GM/M\*\*3) .011

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .058  
7.0 - 9.0 .043  
9.0 - 12.0 .037  
12.0 - 16.0 .028  
16.0 - 21.0 .040  
21.0 - 28.0 .037  
28.0 - 36.0 .022  
36.0 - 47.0 .006  
47.0 - 62.0 .001  
62.0 - 82.0 .000  
82.0 - 108.0 0.000

FLIGHT NUMBER 008 111  
DATE 27 JAN 1972  
TIME 16 44 5  
COUNTER NUMBER 4257

AIRCRAFT ALTITUDE (KM) 9.1  
AIRCRAFT VELOCITY (M/S) 231.7  
AMBIENT TEMPERATURE (DEG K) 245.3  
  
SAMPLED VOLUME (CM\*\*3) 410.0  
SAMPLE INTERVAL (M) 1397.7  
NUMBER DENSITY (NO/CM\*\*3) 1.00  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .127  
7.0 - 9.0 .068  
9.0 - 12.0 .023  
12.0 - 16.0 .013  
16.0 - 21.0 .030  
21.0 - 28.0 .033  
28.0 - 36.0 .013  
36.0 - 47.0 .004  
47.0 - 62.0 .001  
62.0 - 82.0 .000  
82.0 - 108.0 0.000

FLIGHT NUMBER 008 112  
DATE 27 JAN 1972  
TIME 16 44 10  
COUNTER NUMBER 4258

AIRCRAFT ALTITUDE (KM) 9.1  
AIRCRAFT VELOCITY (M/S) 229.1  
AMBIENT TEMPERATURE (DEG K) 246.1  
  
SAMPLED VOLUME (CM\*\*3) 405.0  
SAMPLE INTERVAL (M) 1151.9  
NUMBER DENSITY (NO/CM\*\*3) .98  
LIQ. WATER CONTENT (GM/M\*\*3) .013

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .056  
7.0 - 9.0 .035  
9.0 - 12.0 .012  
12.0 - 16.0 .044  
16.0 - 21.0 .021  
21.0 - 28.0 .035  
28.0 - 36.0 .024  
36.0 - 47.0 .003  
47.0 - 62.0 .001  
62.0 - 82.0 .000  
82.0 - 108.0 .000

FLIGHT NUMBER 008 113  
DATE 27 JAN 1972  
TIME 16 44 15  
COUNTER NUMBER 4259

AIRCRAFT ALTITUDE (KM) 8.8  
AIRCRAFT VELOCITY (M/S) 229.1  
AMBIENT TEMPERATURE (DEG K) 246.9  
  
SAMPLED VOLUME (CM\*\*3) 405.0  
SAMPLE INTERVAL (M) 1145.4  
NUMBER DENSITY (NO/CM\*\*3) .97  
LIQ. WATER CONTENT (GM/M\*\*3) .009

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .041  
7.0 - 9.0 .031  
9.0 - 12.0 .017  
12.0 - 16.0 .046  
16.0 - 21.0 .040  
21.0 - 28.0 .022  
28.0 - 36.0 .024  
36.0 - 47.0 .003  
47.0 - 62.0 .001  
62.0 - 82.0 .000  
82.0 - 108.0 0.000

FLIGHT NUMBER 008 114  
DATE 27 JAN 1972  
TIME 16 44 20  
COUNTER NUMBER 4260

AIRCRAFT ALTITUDE (KM) 8.5  
AIRCRAFT VELOCITY (M/S) 229.1  
AMBIENT TEMPERATURE (DEG K) 247.6  
  
SAMPLED VOLUME (CM\*\*3) 486.0  
SAMPLE INTERVAL (M) 1145.4  
NUMBER DENSITY (NO/CM\*\*3) .74  
LIQ. WATER CONTENT (GM/M\*\*3) .007

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .051  
7.0 - 9.0 .038  
9.0 - 12.0 .008  
12.0 - 16.0 .019  
16.0 - 21.0 .016  
21.0 - 28.0 .029  
28.0 - 36.0 .017  
36.0 - 47.0 .005  
47.0 - 62.0 .000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 008 115  
DATE 27 JAN 1972  
TIME 16 44 26  
COUNTER NUMBER 4261

AIRCRAFT ALTITUDE (KM) 8.5  
AIRCRAFT VELOCITY (M/S) 229.1  
AMBIENT TEMPERATURE (DEG K) 248.5  
  
SAMPLED VOLUME (CM\*\*3) 324.0  
SAMPLE INTERVAL (M) 1374.5  
NUMBER DENSITY (NO/CM\*\*3) 1.73  
LIQ. WATER CONTENT (GM/M\*\*3) .021

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .070  
7.0 - 9.0 .130  
9.0 - 12.0 .051  
12.0 - 16.0 .041  
16.0 - 21.0 .059  
21.0 - 28.0 .051  
28.0 - 36.0 .023  
36.0 - 47.0 .010  
47.0 - 62.0 .005  
62.0 - 82.0 .001  
82.0 - 108.0 0.000

FLIGHT NUMBER 008 116  
DATE 27 JAN 1972  
TIME 16 44 30  
COUNTER NUMBER 4262

AIRCRAFT ALTITUDE (KM) 8.5  
AIRCRAFT VELOCITY (M/S) 229.1  
AMBIENT TEMPERATURE (DEG K) 249.1  
  
SAMPLED VOLUME (CM\*\*3) 486.0  
SAMPLE INTERVAL (M) 916.3  
NUMBER DENSITY (NO/CM\*\*3) 1.57  
LIQ. WATER CONTENT (GM/M\*\*3) .015

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .051  
7.0 - 9.0 .051  
9.0 - 12.0 .064  
12.0 - 16.0 .061  
16.0 - 21.0 .036  
21.0 - 28.0 .064  
28.0 - 36.0 .022  
36.0 - 47.0 .010  
47.0 - 62.0 .002  
62.0 - 82.0 .000  
82.0 - 108.0 0.000

FLIGHT NUMBER 008 117  
DATE 27 JAN 1972  
TIME 16 44 36  
COUNTER NUMBER 4263

AIRCRAFT ALTITUDE (KM) 8.5  
AIRCRAFT VELOCITY (M/S) 229.1  
AMBIENT TEMPERATURE (DEG K) 250.0  
  
SAMPLED VOLUME (CM\*\*3) 405.0  
SAMPLE INTERVAL (M) 1374.5  
NUMBER DENSITY (NO/CM\*\*3) 1.73  
LIQ. WATER CONTENT (GM/M\*\*3) .022

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .148  
7.0 - 9.0 .073  
9.0 - 12.0 0.000  
12.0 - 16.0 .077  
16.0 - 21.0 .071  
21.0 - 28.0 .050  
28.0 - 36.0 .024  
36.0 - 47.0 .008  
47.0 - 62.0 .002  
62.0 - 82.0 .001  
82.0 - 108.0 .000

FLIGHT NUMBER 008 118  
DATE 27 JAN 1972  
TIME 16 44 41  
COUNTER NUMBER 4264

AIRCRAFT ALTITUDE (KM) 8.2  
AIRCRAFT VELOCITY (M/S) 229.1  
AMBIENT TEMPERATURE (DEG K) 250.8  
  
SAMPLED VOLUME (CM\*\*3) 405.0  
SAMPLE INTERVAL (M) 1145.4  
NUMBER DENSITY (NO/CM\*\*3) 1.17  
LIQ. WATER CONTENT (GM/M\*\*3) .016

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .066  
7.0 - 9.0 .053  
9.0 - 12.0 .033  
12.0 - 16.0 .038  
16.0 - 21.0 .040  
21.0 - 28.0 .037  
28.0 - 36.0 .016  
36.0 - 47.0 .005  
47.0 - 62.0 .004  
62.0 - 82.0 0.000  
82.0 - 108.0 .000

FLIGHT NUMBER 008 119  
DATE 27 JAN 1972  
TIME 16 44 46  
COUNTER NUMBER 4265

AIRCRAFT ALTITUDE (KM) 8.2  
AIRCRAFT VELOCITY (M/S) 229.1  
AMBIENT TEMPERATURE (DEG K) 251.5  
  
SAMPLED VOLUME (CM\*\*3) 405.0  
SAMPLE INTERVAL (M) 1145.4  
NUMBER DENSITY (NO/CM\*\*3) .96  
LIQ. WATER CONTENT (GM/M\*\*3) .008

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .015  
7.0 - 9.0 .080  
9.0 - 12.0 .051  
12.0 - 16.0 .027  
16.0 - 21.0 .029  
21.0 - 28.0 .030  
28.0 - 36.0 .015  
36.0 - 47.0 .001  
47.0 - 62.0 .001  
62.0 - 82.0 .000  
82.0 - 108.0 0.000

FLIGHT NUMBER 008 120  
DATE 27 JAN 1972  
TIME 16 44 51  
COUNTER NUMBER 4266

AIRCRAFT ALTITUDE (KM) 8.2  
AIRCRAFT VELOCITY (M/S) 229.1  
AMBIENT TEMPERATURE (DEG K) 252.3  
  
SAMPLED VOLUME (CM\*\*3) 405.0  
SAMPLE INTERVAL (M) 1145.4  
NUMBER DENSITY (NO/CM\*\*3) .42  
LIQ. WATER CONTENT (GM/M\*\*3) .004

SIZE INTERVAL (UM) NO/CM\*\*3/UM DIA.INT.

5.5 - 7.0 .015  
7.0 - 9.0 .015  
9.0 - 12.0 .021  
12.0 - 16.0 .011  
16.0 - 21.0 .006  
21.0 - 28.0 .019  
28.0 - 36.0 .010  
36.0 - 47.0 .001  
47.0 - 62.0 .000  
62.0 - 82.0 0.000  
82.0 - 108.0 0.000

FLIGHT NUMBER 008	121	FLIGHT NUMBER 008	122	FLIGHT NUMBER	0
DATE 27 JAN 1972		DATE 27 JAN 1972		DATE 0 JAN 1972	
TIME 16 44 56		TIME 16 45 1		TIME 0 0 0	
COUNTER NUMBER 4267		COUNTER NUMBER 4268		COUNTER NUMBER 0	
AIRCRAFT ALTITUDE (KM)	8.2	AIRCRAFT ALTITUDE (KM)	8.2	AIRCRAFT ALTITUDE (KM)	0.0
AIRCRAFT VELOCITY (M/S)	229.1	AIRCRAFT VELOCITY (M/S)	231.7	AIRCRAFT VELOCITY (M/S)	0.0
AMBIENT TEMPERATURE (DEG K)	253.0	AMBIENT TEMPERATURE (DEG K)	253.8	AMBIENT TEMPERATURE (DEG K)	0.0
SAMPLED VOLUME (CM**3)	405.0	SAMPLED VOLUME (CM**3)	410.0	SAMPLED VOLUME (CM**3)	0.0
SAMPLE INTERVAL (M)	1145.4	SAMPLE INTERVAL (M)	1151.9	SAMPLE INTERVAL (M)	0.0
NUMBER DENSITY (NO/CM**3)	.32	NUMBER DENSITY (NO/CM**3)	.06	NUMBER DENSITY (NO/CM**3)	0.00
LIG. WATER CONTENT (GM/M**3)	.002	LIG. WATER CONTENT (GM/M**3)	.000	LIG. WATER CONTENT (GM/M**3)	0.000
SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.		SIZE INTERVAL (UM) NO/CM**3/UM DIA.INT.	
5.5 - 7.0	.046	5.5 - 7.0	0.000	5.5 - 7.0	0.000
7.0 - 9.0	.019	7.0 - 9.0	0.000	7.0 - 9.0	0.000
9.0 - 12.0	.007	9.0 - 12.0	.002	9.0 - 12.0	0.000
12.0 - 16.0	.002	12.0 - 16.0	.002	12.0 - 16.0	0.000
16.0 - 21.0	.006	16.0 - 21.0	.001	16.0 - 21.0	0.000
21.0 - 28.0	.014	21.0 - 28.0	.004	21.0 - 28.0	0.000
28.0 - 36.0	.003	28.0 - 36.0	.001	28.0 - 36.0	0.000
36.0 - 47.0	.003	36.0 - 47.0	0.000	36.0 - 47.0	0.000
47.0 - 62.0	0.000	47.0 - 62.0	0.000	47.0 - 62.0	0.000
62.0 - 82.0	0.000	62.0 - 82.0	0.000	62.0 - 82.0	0.000
82.0 - 106.0	0.000	82.0 - 106.0	0.000	82.0 - 106.0	0.000

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